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CATALOGUE OF STARS

OBSERVED AT THE

UNITED STATES NAVAL OBSERVATORY

DURING

THE YEARS 1845 TO 1871,

AND PREPARED FOR PUBLICATION BY

PROFESSOR M. YARNALL, U. S. N.,

BY ORDER OF

REAR-ADMIRAL B. F. SANDS, U. S. N.,

SUPERINTENDENT.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1873.

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CATALOGUE OF STARS

OBSERVED DURING

THE YEARS 1845 TO 1871, INCLUSIVE.

United States Naval Observatory,
Washington, April 25, 1873.

Admiral: In the latter part of the year 1858, finding the results of nearly six years of my labor with the Mural Circle reduced and nearly ready for the press, it occurred to me to endeavor to complete the observations by observing the Right Ascensions, and, after they should have been observed and reduced, to have them published in the form of a Catalogue. With this view I procured from Captain Maury, then Superintendent of the Observatory, permission to observe with Professor Major on his alternate nights with the Transit Instrument; and Professor A. W. Lawrence, who had been Professor Major's assistant, was transferred to the Mural Circle as my assistant. By continuing to observe in this way, we began rapidly to accumulate observations in Right Ascension, as well as to add to those in Declination until 1859, when, Professor Major having resigned his commission in the Navy, I came into full possession of the Transit Instrument, with Professor T. J. Robinson as my assistant from May, 1860, to July, 1861. These observations were all reduced by me, as published in Appendix II of the present volume.

The stars consisted mainly of stars used in the Army surveys for observations with the zenith telescope, many stars in the lists of the Coast Survey, and many of Lacaille's stars which had mostly been observed by Lacaille only, and for observing which our Observatory was favorably situated. During all these years, Mr. James Ferguson, who so faithfully labored for so many years with the Equatorial, was making constant demands upon me for observations of comparison stars for the objects observed by him; and this will account for the great number of small stars in the Catalogue.

The Right Ascensions at this time, and subsequently, were observed by the chronographic method, and in the manner described in several of our volumes; the Declinations were observed with the telescope micrometer in precisely the same manner as described in any of our volumes after that for 1847.

When the time came for putting these observations in the form of a Catalogue, the number of stars having greatly increased, I concluded to extend its limit so as to include all the stars of which Right Ascensions and Declinations had been published in our volumes; and this, with a few exceptions, has been done.

The idea of forming a General Catalogue of our observations had occurred to Mr. Ferguson; and he, assisted by Professors Hall and Eastman, collected on sheets the observations made from 1845 to 1850, inclusive; and the observations of 1845 having been reduced by Professor Hall to 1850, the collection was transferred to me for further reduction. The stars transferred to me were those of all the instruments, and the places of the stars were united into one for each co-ordinate.

The work of the Meridian Circle was well known to be inferior to that of the Transit Instrument, the Mural Circle, and the Prime Vertical Transit Instrument, and I did not think it well to give it equal weight. I therefore revised the list, separating the observations under the heads of the various instruments, and adding some stars observed with one co-ordinate only, and for that reason not published in the Catalogue for 1845.

RIGHT ASCENSIONS.

The stars whose places are given in this Catalogue were observed for Right Ascension with the Transit Instrument and the old Meridian Circle, the number with the Transit being much the more numerous; those with the Prime Vertical Instrument being entirely rejected. Equal weight was given to all the observations with the Transit Instrument, and half weight to those with the Meridian Circle. The observations, extending over a period of twenty-seven years, were originally reduced with very different data, and the most important step in forming the Catalogue has been to reduce them to a uniform standard. The observations, as published, were reduced to 1845 and 1850, epoch of the sun's mean longitude 281°, and to 1860 and 1870, epoch of the sun's mean longitude 280°.

The epoch adopted for the present Catalogue, to which I have reduced all the observations, is the Besselian epoch 1860.0, when the sun's mean longitude was 280°; and the Right Ascensions for that epoch are found in Dr. Gould's "Standard Places of Fundamental Stars, United States Coast Survey," first edition, which was issued from the Coast Survey Office September 13, 1862, although Dr. Gould had previously furnished the Observatory with a copy in the first part of 1862.

Our star places of time stars are identical with those of Dr. Gould, as published in 1862, and they were afterward published in the American Ephemeris for 1865. This list has been further corrected by some corrections published in the volume of the American Ephemeris for 1869; but, for the sake of consistency, I have thrown out as nearly as possible these corrections from the small number of places used in 1870 and 1871. This list not being quite as large as we desired, Professor Newcomb added some other stars whose places were quite well known, for compiling which he compared the Greenwich, Paris, and Washington observations.

Having so many different epochs and different star-lists, the first step was to reduce all the separate results for Right Ascension, given in the several volumes, to what they

SUPPLEMENTARY NOTE.

The Right Ascensions of the following Catalogue may be reduced to Newcomb's standard, as defined in section 7 of his paper on the Right Ascensions of the Equatorial Fundamental Stars, (Appendix III to the Washington Observations for 1870,) by the application of the following corrections:

1. Proper motion from the mean year of observation to 1860.

2. Systematic correction depending on the Right Ascension and given by the formula,

$$\Delta\alpha = +0^s.021 + 0^s.014 \cos\alpha - 0^s.025 \sin\alpha$$

the value of which may be taken from the following table:

R. A.	$\Delta\alpha$	R. A.	$\Delta\alpha$
h.	s.	h.	s.
0	+ .035	12	+ .007
1	.029	13	.013
2	.021	14	.021
3	.013	15	.029
4	.006	16	.036
5	+ .001	17	.041
6	− .004	18	.046
7	.007	19	.049
8	.008	20	.050
9	.007	21	.049
10	− .004	22	.045
11	+ .001	23	.041
12	+ .007	24	+ .035

would have been had the same star-places been adopted in the reductions, and had the stars been all reduced to the epoch 1860.0 without any correction for proper motion. For this purpose I have formed, as a standard for reference, the following Table I, in which are given the names of all the clock-stars used, and their Right Ascensions for 1845.0, 1850.0, 1860.0, and 1870.0. These places were formed from the Annual and Secular Variations of the Star-Tables of the American Ephemeris and Nautical Almanac, where available; and for those stars not in the American Ephemeris the values of the Precession and Aberration Constants of those Tables were used; and the proper motions used were those published by the Reverend R. Main in Volume XIX of the Journal of the Royal Astronomical Society.

TABLE I.—*Adopted Positions of Clock-Stars.*

Name of Star.	1845.0.	1850.0.	1860.0.	1870.0.	μ
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	s.
α Andromedæ	0 0 23.16	0 0 38.58	0 1 9.43	0 1 40.29	+ 0.010
γ Pegasi	0 5 15.58	0 5 30.98	0 6 1.79	0 6 32.61	+ 0.001
12 Ceti	. .	. .	0 22 53.68	0 23 24.27	— 0.002
β Ceti	0 35 48.38	0 36 3.46	0 36 33.60	0 37 3.74	+ 0.014
ε Piscium	. .	0 55 9.77	0 55 40.84	0 56 11.92	— 0.004
β^1 Ceti	1 16 16.61	1 16 31.60	1 17 1.57	1 17 31.55	— 0.005
η Piscium	. .	. .	1 23 59.73	1 24 31.71	0.000
ν Piscium	. .	. .	1 34 8.89	1 34 40.02	— 0.004
o Piscium	. .	. .	1 38 0.30	1 38 31.91	+ 0.006
β Arietis	1 46 5.28	1 47 21.76	1 46 54.74	1 47 27.73	+ 0.006
α Arietis	1 58 26.82	1 58 43.63	1 59 17.28	1 59 50.95	+ 0.014
ξ^1 Ceti	. .	2 5 3.31	2 5 34.98	2 6 6.67	— 0.004
67 Ceti	. .	. .	2 10 0.11	2 10 30.01	+ 0.007
ξ^2 Ceti	. .	. .	2 20 43.15	2 21 14.94	+ 0.001
γ Ceti	2 35 16.45	2 35 31.95	2 36 2.96	2 36 33.98	— 0.009
α Ceti	2 54 10.96	2 54 26.59	2 54 57.86	2 55 29.14	— 0.002
δ Arietis	. .	. .	3 3 37.77	3 4 11.94	+ 0.010
ζ Arietis	. .	. .	. .	3 7 25.96	— 0.002
ε Eridani	. .	. .	3 26 20.14	3 26 48.33	— 0.070
η Tauri	3 38 16.80	3 38 34.55	3 39 10.06	3 39 45.59	+ 0.001
γ Eridani	3 50 47.99	3 51 1.96	3 51 29.92	3 51 57.88	+ 0.004
o^1 Eridani	. .	. .	4 5 2.03	4 5 31.27	0.000
γ Tauri	. .	. .	4 11 49.77	4 12 23.84	+ 0.009
ε Tauri	. .	. .	4 20 26.71	4 21 1.66	+ 0.008
α Tauri	4 27 1.93	4 27 19.10	4 27 53.44	4 28 27.79	+ 0.004
μ Eridani	. .	. .	4 38 30.24	4 39 0.25	+ 0.006
ι Aurigæ	. .	. .	4 47 52.86	4 48 31.82	— 0.001
11 Orionis	. .	. .	4 56 34.33	4 57 8.57	+ 0.002
ε Leporis	. .	. .	4 59 32.16	4 59 57.52	0.000
α Aurigæ	5 5 14.83	5 5 36.92	5 6 21.12	5 7 5.33	+ 0.009
β Orionis	5 7 5.44	5 7 19.85	5 7 48.65	5 8 17.45	0.000
β Tauri	5 16 29.85	5 16 48.78	5 17 26.64	5 18 4.51	+ 0.002
δ Orionis	5 24 5.38	5 24 20.70	5 24 51.33	5 25 21.97	+ 0.001
α Leporis	5 25 53.73	5 26 6.96	5 26 33.42	5 26 59.88	+ 0.002
ε Orionis	5 28 21.02	5 28 36.23	5 29 6.64	5 29 37.06	— 0.001
α Columbæ	5 34 2.31	5 34 13.16	5 34 34.88	5 34 56.61	+ 0.001
α Orionis	5 46 46.90	5 47 3.14	5 47 35.60	5 48 8.07	+ 0.002
ν Orionis	. .	. .	5 59 34.76	6 0 9.02	+ 0.001
μ Geminorum	6 13 34.94	6 13 53.10	6 14 29.43	6 15 5.76	+ 0.006
γ Geminorum	. .	. .	6 29 37.42	6 30 12.11	+ 0.004

TABLE I.—*Adopted Positions of Clock-Stars*—Continued.

Name of Star.	1845.0.	1850.0.	1860.0.	1870.0.	μ
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	s.
α Canis Majoris	6 38 19.20	6 38 32.31	6 38 58.61	6 39 25.02	— 0.037
ε Canis Majoris	6 52 32.13	6 52 43.92	6 53 7.50	6 53 31.08	+ 0.001
γ Canis Majoris	. .	. .	6 57 25.50	6 57 52.69	+ 0.005
δ Canis Majoris	. .	. .	7 2 42.00	7 3 6.40	0.000
δ Geminorum	7 10 51.69	7 11 9.65	7 11 45.57	7 12 21.48	0.000
α^2 Geminorum	. .	7 25 1.33	7 25 39.74	7 26 18.13	— 0.015
α Canis Minoris	7 31 11.11	7 31 26.89	7 31 58.35	7 32 29.70	— 0.047
β Geminorum	7 35 49.42	7 36 7.84	7 36 44.68	7 37 21.51	— 0.047
ϕ Geminorum	. .	. .	7 44 55.50	7 45 32.35	0.000
6 Cancri.	. .	. .	7 54 54.89	7 55 31.83	— 0.005
ρ Argus.	8 0 56.64	8 1 9.42	8 1 34.98	8 2 0.54	— 0.005
η Cancri.	. .	. .	8 24 36.52	8 25 11.30	— 0.005
ε Hydræ	8 38 33.83	8 38 49.76	8 39 21.61	8 39 53.46	— 0.012
κ Cancri.	. .	. .	9 0 9.67	9 0 42.24	— 0.003
83 Cancri.	. .	. .	9 11 9.80	9 11 43.36	— 0.012
α Hydræ	9 19 58.21	9 20 12.96	9 20 42.46	9 21 11.96	— 0.001
ε Leonis.	9 37 2.56	9 37 19.68	9 37 53.91	9 38 28.12	— 0.003
μ Leonis.	. .	. .	9 44 47.63	9 45 21.89	— 0.018
π Leonis.	. .	. .	9 52 48.80	9 53 20.57	— 0.003
α Leonis.	10 0 6.72	10 0 22.75	10 0 54.80	10 1 26.84	— 0.017
γ Leonis.	. .	. .	10 12 14.94	10 12 48.13	+ 0.020
ρ Leonis.	. .	. .	10 25 26.26	10 25 57.93	0.000
l Leonis.	. .	. .	10 41 53.70	10 42 25.30	— 0.001
χ Leonis.	. .	. .	10 57 47.66	10 58 18.64	— 0.024
δ Leonis.	11 5 51.45	11 6 7.48	11 6 39.52	11 7 11.55	+ 0.012
δ Crateris	11 11 35.71	11 11 50.67	11 12 20.63	11 12 50.58	— 0.008
τ Leonis.	. .	. .	11 20 44.23	11 21 15.11	+ 0.002
υ Leonis.	. .	. .	11 29 46.89	11 30 17.61	0.000
β Leonis.	11 41 8.97	11 41 24.31	11 41 54.98	11 42 25.64	— 0.034
o Virginis	. .	. .	11 58 4.66	11 58 35.27	— 0.014
ε Corvi	. .	. .	12 2 55.77	12 3 26.58	+ 0.001
η Virginis	. .	. .	12 12 44.66	12 13 15.34	— 0.004
β Corvi	12 26 15.28	12 26 30.95	12 27 2.31	12 27 33.68	— 0.001
α Canum Venaticorum . .	12 48 46.12	12 49 0.22	12 49 28.42	12 49 56.60	— 0.020
θ Virginis	. .	. .	13 2 42.28	13 3 13.28	— 0.002
α Virginis	13 17 2.05	13 17 17.80	13 17 49.31	13 18 20.83	— 0.002
ζ Virginis	. .	. .	13 27 33.71	13 28 4.23	— 0.019
η Bootis.	13 47 18.26	13 47 32.55	13 48 1.14	13 48 29.73	— 0.003
τ Virginis	. .	. .	13 54 31.40	13 55 1.92	+ 0.005
α Bootis.	14 8 35.59	14 8 49.26	14 9 16.60	14 9 43.94	— 0.079

TABLE I.—*Adopted Positions of Clock-Stars*—Continued.

Name of Star.	1845.0.			1850.0.			1860.0.			1870.0.			μ	
	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.		s.
ρ Bootis							14	25	47.72	14	26	13.59	—	0.008
ε Bootis	14	38	13.06	14	38	26.16	14	38	52.38	14	39	18.60	—	0.003
α Libræ	14	42	18.78	14	42	35.30	14	43	8.34	14	43	41.40	—	0.008
ψ Bootis							14	58	26.85	14	58	52.58	—	0.010
β Libræ	15	8	40.37	15	8	56.46	15	9	28.64	15	10	0.83	—	0.007
μ Bootis							15	19	12.15	15	19	34.83	—	0.010
α Coronæ Borealis	15	28	7.58	15	28	20.27	15	28	45.66	15	29	11.05	+	0.010
α Serpentis	15	36	38.20	15	36	52.95	15	37	22.44	15	37	51.94	+	0.009
ε Serpentis							15	43	50.38	15	44	20.24	+	0.009
δ Scorpii							15	52	3.64	15	52	38.99	—	0.001
β Scorpii	15	56	25.95	15	56	43.32	15	57	18.07	15	57	52.83	—	0.002
δ Ophiuchi	16	6	13.65	16	6	29.33	16	7	0.69	16	7	32.06	—	0.004
α Scorpii	16	19	54.74	16	20	13.07	16	20	49.73	16	21	26.41		0.000
ζ Ophiuchi							16	29	27.18	16	30	0.15	+	0.001
ζ Herculis							16	36	0.56	16	36	23.18	—	0.034
κ Ophiuchi							16	51	2.56	16	51	30.90	—	0.022
α Herculis	17	7	34.90	17	7	48.56	17	8	15.89	17	8	43.22	—	0.001
θ Ophiuchi							17	13	24.84				—	0.003
b Ophiuchi							17	17	49.36	17	18	25.94		0.000
a Ophiuchi	17	27	44.47	17	27	58.37	17	28	26.19	17	28	54.01	+	0.007
μ Herculis							17	40	58.84	17	41	22.29	—	0.025
γ^2 Sagittarii							17	56	48.94	17	57	27.46	—	0.005
μ Sagittarii	18	4	29.70	18	4	47.62	18	5	23.48	18	5	59.34	—	0.002
η Serpentis							18	14	3.95	18	14	34.94	—	0.041
1 Aquilæ							18	27	35.26	18	28	7.90	—	0.002
α Lyræ	18	31	41.43	18	31	51.59	18	32	11.90	18	32	32.21	+	0.018
β Lyræ	18	44	21.46	18	44	32.53	18	44	54.67	18	45	16.81		0.000
σ Sagittarii							18	46	34.98	18	47	12.22		0.000
ζ Aquilæ	18	58	17.17	18	58	30.94	18	58	58.49	18	59	26.04	—	0.003
ω Aquilæ							19	11	14.65	19	11	42.84	+	0.003
δ Aquilæ	19	17	40.95	19	17	56.07	19	18	26.32	19	18	56.57	+	0.015
κ Aquilæ							19	29	21.46	19	29	53.77		0.000
γ Aquilæ	19	38	53.41	19	39	7.67	19	39	36.20	19	40	4.73	+	0.001
α Aquilæ	19	43	13.17	19	43	27.81	19	43	57.10	19	44	26.38	+	0.036
β Aquilæ	19	47	41.94	19	47	56.68	19	48	26.15	19	48	55.62	+	0.002
α^2 Capricorni	20	9	27.01	20	9	43.68	20	10	17.03	20	10	50.37	+	0.003
ρ Capricorni							20	20	52.26	20	21	26.52	—	0.006
ε Delphini							20	26	31.43	20	27	0.09	—	0.001
α Cygni	20	36	8.93	20	36	19.14	20	36	39.58	20	37	0.02		0.000
μ Aquarii							20	45	5.97	20	45	38.38	+	0.001

TABLE I.—*Adopted Positions of Clock-Stars*—Continued.

Name of Star.	1845.0.	1850.0.	1860.0.	1870.0.	μ.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	s.
ζ Cygni	21 6 20.49	21 6 33.23	21 6 58.73	21 7 24.23	− 0.001
1 Pegasi	. .	. .	21 15 36.81	21 16 4.55	+ 0.009
β Aquarii	21 23 23.70	21 23 39.53	21 24 11.18	21 24 42.83	+ 0.002
ξ Aquarii	. .	. .	21 30 17.78	21 30 49.77	+ 0.006
ϵ Pegasi	21 36 34.38	21 36 49.12	21 37 18.60	21 37 48.08	+ 0.003
μ Capricorni	. .	. .	21 45 39.60	21 46 12.38	+ 0.022
α Aquarii	21 57 49.25	21 58 4.68	21 58 35.52	21 59 6.36	0.000
θ Aquarii	. .	. .	22 9 26.63	22 9 58.34	+ 0.007
π Aquarii	. .	. .	22 18 7.59	22 18 38.24	0.000
η Aquarii	. .	. .	22 28 9.68	22 28 40.52	+ 0.004
ζ Pegasi	22 33 43.97	22 33 58.91	22 34 28.79	22 34 58.67	+ 0.003
λ Aquarii	. .	. .	22 45 18.48	22 45 49.80	− 0.002
α Piscis Australis	22 49 4.42	22 49 21.09	22 49 54.42	22 50 27.73	+ 0.024
α Pegasi	22 57 2.59	22 57 17.50	22 57 47.34	22 58 17.18	+ 0.004
γ Piscium	. .	. .	23 9 54.48	23 10 25.54	+ 0.047
κ Piscium	. .	. .	23 19 45.34	23 20 16.09	+ 0.005
θ Piscium	. .	. .	23 20 52.01	23 21 22.42	− 0.009
ι Piscium	23 31 58.80	23 32 14.22	23 32 45.06	23 33 15.90	+ 0.026
δ Sculptoris	. .	. .	23 41 37.69	23 42 9.08	+ 0.009
ω Piscium	. .	. .	23 52 7.43	23 52 38.21	+ 0.010

The Right Ascensions of α Canis Majoris and of α Canis Minoris, for this Table, were obtained by using the annual variations and value of P, given by Professor Newcomb in Appendix I, volume for 1870, of the Washington Observations; the place of α Canis Majoris differing $0^s.013$ from the place given by Professor Newcomb.

The Right Ascensions of the stars whose places are given for 1845, are, with two or three exceptions, those given in the British Nautical Almanac for January 1, 1845, and the observations were reduced to the beginning of that year. For the years 1846, 1847, 1848, 1849, and 1850, the stars whose places were used are given in the British Almanac for 1850, and all the observations were reduced to the beginning of 1850. The stars observed in 1858, 1859, 1860, and 1861, were reduced with the places given in the British Almanac for 1860, and the observations were reduced to 1860.0. The stars observed in 1862, 1863, 1864, and 1865, were reduced with the places in Table I for 1860, and the observations were reduced to 1860.0. The stars observed in 1868, 1869, 1870, and 1871, were reduced with the list of the American Ephemeris without the corrections of the volume for 1869; and for 1870 and 1871 these corrections have been eliminated for the stars to which they belong. The observations from 1865 to 1871 were reduced to 1870.0.

In order to correct the star lists used, I have, in the following Tables, given a comparison of the observations with the standard places in Table I, for the different years, and their values will be seen on inspection; for this purpose I have used all the observations of the stars in the Tables for the different epochs and instruments.

In order properly to compare the observations with the standard, it was necessary to correct them by a small quantity $= \Delta\mu \times y$. $\Delta\mu$ is the correction necessary to reduce the proper motion used in the different years to that of the standard published in Table I. The Almanac for 1845 gives only precessions for all the stars, except a few, marked with a *, whose proper motions are large, and for which I used as a correction the proper motions of the British Association Catalogue corrected by those of Table I. For the other stars the proper motions of Table I were used.

For 1850, the proper motions to be corrected were those published in the British Almanac for 1848; and for 1860, for the stars observed from the places of the British Almanac, the corrections are those of Reverend R. Main reduced to those of Table I.

All stars in the Catalogue are published without proper motions, and for the clock-stars, the quantity taken out is μ multiplied by y; y being the mean year of the observation. To restore these stars to the proper value, it will be necessary to use the proper motion given in Table I multiplied by the mean year.

For all miscellaneous stars, I have taken out exactly what had been added to or subtracted from the reduction to mean place, and my rule in reducing, where proper motions had been used, was to use the proper motions of the two tables of the Reverend R. Main, Volume XIX of the Royal Astronomical Society; and for other stars not given by Main, the proper motion found in the British Association's Catalogue. These remarks apply also to the observations in Declination.

After the year 1861 no proper motions have been used in the reductions, except in the places of the clock stars, and these have been taken out of all the places in the Catalogue.

TABLE II.—*Standard Stars Observed with the Transit Instrument*, 1845.

Name of Star.	Obs'd R. A.	C − O Δ α	No. of Obs'ns.	$n \times \Delta\alpha$	Name of Star.	Obs'd R. A.	C − O Δ α	No. of Obs'ns.	$n \times \Delta\alpha$
	s.	s.		s.		s.	s.		s.
α Andromedæ .	23.18	−0.02	38	−0.76	α Bootis . . .	35.47	+0.12	21	+2.52
γ Pegasi . . .	15.60	0.02	40	0.80	ε Bootis . . .	12.99	0.07	15	1.05
β Ceti	48.43	0.05	13	0.65	α Libræ . . .	18.77	+0.01	14	+0.14
θ^1 Ceti	16.63	−0.02	39	−0.78	β Libræ . . .	40.37	0.00	15	0.00
α Arietis . . .	26.78	+0.04	28	+1.12	α Cor. Borealis .	7.62	−0.04	11	−0.44
γ Ceti	16.45	0.00	26	0.00	α Serpentis . .	38.19	+0.01	16	+0.16
α Ceti	10.92	+0.04	28	+1.12	β Scorpii . . .	26.01	−0.06	15	−0.90
η Tauri . . .	16.80	0.00	19	0.00	δ Ophiuchi . .	13.64	+0.01	16	+0.16
γ Eridani . . .	47.98	+0.01	20	+0.20	α Scorpii . . .	54.85	−0.11	17	−1.87
α Tauri . . .	1.94	−0.01	17	−0.17	α Herculis . .	34.90	0.00	15	0.00
β Orionis . . .	5.48	−0.04	7	−0.28	α Ophiuchi . .	44.47	+0.01	10	+0.10
β Tauri . . .	29.85	0.00	11	0.00	μ Sagittarii . .	29.78	−0.08	19	−1.52
δ Orionis . . .	5.38	0.00	10	0.00	α Lyræ	41.56	0.13	32	4.16
α Leporis . . .	53.90	−0.17	1	−0.17	β Lyræ	21.52	0.06	22	1.32
ε Orionis . . .	20.99	+0.03	11	+0.33	ζ Aquilæ . . .	17.19	0.02	26	0.52
α Orionis . . .	46.89	+0.01	11	+0.11	δ Aquilæ . . .	40.98	−0.03	36	−1.08
μ Geminorum. .	35.00	−0.06	7	−0.42	γ Aquilæ . . .	53.37	+0.04	33	+1.32
ε Canis Majoris .	32.11	+0.02	2	+0.04	α Aquilæ . . .	13.19	−0.02	33	−0.66
δ Geminorum. .	51.67	+0.02	3	+0.06	β Aquilæ . . .	42.00	0.06	29	1.74
α Canis Minoris .	11.18	−0.07	5	−0.35	α^2 Capricorni . .	27.07	−0.06	29	−1.74
β Geminorum. .	49.47	−0.05	2	−0.10	ζ Cygni . . .	20.48	+0.01	15	+0.15
α Leonis . . .	6.95	0.23	1	0.23	β Aquarii . . .	23.75	−0.05	25	−1.25
δ Leonis . . .	51.58	0.13	2	0.26	ε Pegasi . . .	34.40	0.02	33	0.66
β Leonis . . .	9.09	0.12	1	0.12	α Aquarii . . .	49.28	0.03	21	0.63
β Corvi . . .	15.64	−0.36	4	−1.44	ζ Pegasi . . .	44.00	0.03	38	1.14
α Canum Venat. .	46.07	+0.05	6	+0.30	α Piscis Australis	4.49	−0.07	44	−3.08
α Virginis. . .	2.11	−0.06	20	−1.20	α Pegasi . . .	2.62	0.03	31	0.93
η Bootis . . .	18.29	−0.03	14	−0.42	ι Piscium. . .	58.81	−0.01	28	−0.28

Correction for equinox $= \frac{\Sigma n \Delta\alpha}{\Sigma n} = -\frac{23^s.19}{1045} = -0^s.022$

TABLE III.—*Standard Stars Observed with the Transit Instrument*, 1846–'50.

Name of Star.	Obs'd R. A.	C − O Δa	No. of Obs'ns.	$n \times \Delta a$	Name of Star.	Obs'd R. A.	C − O Δa	No. of Obs'ns.	$n \times \Delta a$
	s.	s.		s.		s.	s.		s.
α Andromedæ. .	38.53	+0.05	46	+2.30	α Canum Venat. .	0.14	+0.08	38	+3.04
γ Pegasi . . .	30.93	0.05	60	3.00	α Virginis . . .	17.75	0.05	103	5.15
β Ceti.	3.43	0.03	26	0.78	η Bootis . . .	32.48	0.07	108	7.56
θ Ceti	31.54	0.06	49	2.94	α Bootis . . .	49.19	0.07	130	9.10
α Arietis . . .	43.61	0.02	38	0.76	ε Bootis . . .	26.12	0.04	95	3.80
γ Ceti	31.95	0.00	40	0.00	α Libræ . . .	35.21	+0.09	82	+7.38
α Ceti	26.57	+0.02	38	+0.76	β Libræ . . .	56.39	0.07	76	5.32
η Tauri. . . .	34.52	+0.03	37	+1.11	α Coronæ Borealis	20.21	0.06	80	4.80
γ Eridani . . .	2.00	−0.04	31	−1.24	α Serpentis . .	52.91	0.04	81	3.24
α Tauri. . . .	19.03	+0.07	52	+3.64	β Scorpii . . .	43.26	0.06	49	2.94
β Orionis . . .	19.83	+0.02	34	+0.68	δ Ophiuchi . .	29.26	+0.07	64	+4.48
β Tauri. . . .	48.76	0.02	54	1.08	α Scorpii . . .	12.99	0.08	58	4.64
δ Orionis . . .	20.69	0.01	51	0.51	α Herculis. . .	48.49	0.07	53	3.71
α Leporis . . .	6.91	0.05	9	0.45	α Ophiuchi . .	58.31	0.06	66	3.96
ε Orionis . . .	36.21	0.02	47	0.94	μ Sagittarii . .	47.54	0.08	60	4.80
α Columbæ . .	13.11	+0.05	13	+0.65	α Lyræ	51.51	+0.08	68	+5.44
α Orionis . . .	3.10	0.04	60	2.40	β Lyræ	37.48	0.05	87	4.35
μ Geminorum .	53.06	0.04	17	0.68	ζ Aquilæ . . .	30.90	0.04	86	3.44
ε Canis Majoris .	43.84	0.08	28	2.24	δ Aquilæ . . .	56.02	0.05	107	5.35
δ Geminorum. .	9.60	0.05	39	1.95	γ Aquilæ . . .	7.61	0.06	119	7.14
α^2 Geminorum. .	1.27	+0.06	58	+3.48	α Aquilæ . . .	27.75	+0.06	119	+7.14
α Canis Minoris .	26.82	0.07	54	3.78	β Aquilæ . . .	56.63	0.05	115	5.75
β Geminorum. .	7.75	0.09	52	4.68	α^2 Capricorni . .	43.63	0.05	73	3.65
ρ Argus . . .	9.39	0.03	26	0.78	ζ Cygni . . .	33.17	0.06	94	5.64
ε Hydræ . . .	49.72	0.04	33	1.32	β Aquarii . . .	39.50	0.03	77	2.31
α Hydræ . . .	12.92	+0.04	50	+2.00	ε Pegasi . . .	49.05	+0.07	82	+5.74
ε Leonis . . .	19.65	0.03	54	1.62	α Aquarii . . .	4.60	0.08	59	4.72
α Leonis . . .	22.65	0.10	62	6.20	ζ Pegasi . . .	58.89	0.02	86	1.72
δ Leonis . . .	7.43	0.05	58	2.90	α Piscis Australis	21.00	0.09	52	4.68
δ Crateris . . .	50.62	0.05	55	2.75	α Pegasi . . .	17.47	0.03	64	1.92
ρ Leonis . . .	24.23	+0.08	56	+4.48	ι Piscium . . .	14.19	+0.03	39	+1.17
β Corvi. . . .	30.90	0.05	69	3.45					

Correction for equinox $= \frac{\Sigma n \ \Delta a}{\Sigma n} = + \frac{207^s.15}{3866} = + 0^s.054$

TABLE IV.—*Standard Stars Observed with the Meridian Circle, 1846–'50.*

Name of Star.	Obs'd R. A.	C − O Δα	No. of obs'ns.	$n \times \Delta\alpha$	Name of Star.	Obs'd R. A.	C − O Δα	No. of obs'ns.	$n \times \Delta\alpha$
	s.	s.		s.		s.	s.		s.
α Andromedæ .	38.56	+0.02	83	+1.66	α Canum Venat. .	0.21	+0.01	23	+0.23
γ Pegasi . . .	30.96	0.02	62	1.24	α Virginis . . .	17.78	0.02	31	0.62
β Ceti	3.39	0.07	24	1.68	η Bootis . . .	32.53	0.02	47	0.94
θ Ceti	31.56	0.04	12	0.48	α Boötis . . .	49.22	0.04	107	4.28
α Arietis . . .	43.59	+0.04	49	+1.96	ε Bootis . . .	26.14	0.02	40	0.80
γ Ceti	31.95	0.00	43	0.00	α Libræ . . .	35.23	+0.07	30	+2.10
α Ceti	26.60	−0.01	43	−0.43	β Libræ . . .	56.40	0.06	43	2.58
η Tauri. . . .	34.55	0.00	52	0.00	α Coronæ Bor. .	20.27	0.01	40	0.40
γ Eridani . . .	1.91	+0.05	38	+1.90	α Serpentis . .	52.90	0.05	50	2.50
α Tauri. . . .	19.08	0.02	63	1.26	β Scorpii . . .	43.26	0.06	35	2.10
β Orionis . . .	19.81	+0.04	39	+1.56	δ Ophiuchi . .	29.28	+0.05	49	+2.45
β Tauri. . . .	48.80	−0.02	57	−1.14	α Scorpii . . .	12.96	0.11	56	6.16
δ Orionis . . .	20.67	+0.03	60	+1.80	α Herculis. . .	48.54	0.02	35	0.70
α Leporis . . .	6.97	−0.01	15	−0.15	α Ophiuchi . .	58.32	0.05	53	2.65
ε Orionis . . .	36.19	+0.04	30	+1.20	μ Sagittarii . . .	47.49	0.13	67	8.71
α Columbæ . .	13.10	+0.06	32	+1.92	α Lyræ.	51.56	+0.03	135	+4.05
α Orionis . . .	3.13	+0.01	71	+0.71	β Lyræ.	32.48	0.05	72	3.60
μ Geminorum. .	53.11	−0.01	26	−0.26	ζ Aquilæ . . .	30.90	0.04	52	2.08
ε Canis Majoris .	43.82	+0.10	43	+4.30	δ Aquilæ . . .	56.00	0.07	86	6.02
δ Geminorum. '.	9.67	−0.02	41	−0.82	γ Aquilæ . . .	7.63	0.04	59	2.36
α^2 Geminorum. .	1.33	0.00	44	0.00	α Aquilæ . . .	27.77	+0.04	107	+4.28
α Canis Minoris .	26.83	+0.05	65	+3.25	β Aquilæ . . .	56.66	0.02	89	1.78
β Geminorum. .	7.81	0.03	43	1.29	α^2 Capricorni . .	43.59	0.09	74	6.66
ρ Argus . . .	9.38	0.04	32	1.28	ζ Cygni . . .	33.22	0.01	51	0.51
ε Hydræ . . .	49.71	0.05	41	2.05	β Aquarii . . .	39.48	0.05	55	2.75
α Hydræ . . .	12.94	+0.02	40	+0.80	ε Pegasi . . .	49.08	+0.04	78	+3.12
ε Leonis . . .	19.67	0.01	48	0.48	α Aquarii . . .	4.61	0.07	43	3.01
α Leonis . . .	22.69	0.06	79	4.74	ζ Pegasi . . .	58.86	0.05	55	2.75
δ Leonis . . .	7.42	0.06	51	3.06	α Piscis Australis	20.94	0.15	65	9.75
δ Crateris . . .	50.64	0.03	28	0.84	α Pegasi . . .	17.48	0.02	68	1.36
β Leonis . . .	24.30	+0.01	50	+0.50	ι Piscium . . .	14.16	+0.06	23	+1.38
β Corvi . . .	30.91	0.04	36	1.44					

Correction for equinox $= \frac{\Sigma n \Delta\alpha}{\Sigma n} = +\frac{131^s.28}{3258} = +0^s.040$

TABLE V.—*Standard Stars Observed with the Transit-Instrument*, 1858–'61.

Name of Star.	Obs'd R. A.	C − O Δ *a*	No. of Obs'ns.	*n* × Δ *a*	Name of Star.	Obs'd R. A.	C − O Δ *a*	No. of Obs'ns.	*n* × Δ *a*
	s.	s.		s.		s.	s.		s.
α Andromedæ .	9.35	+0.08	18	+1.44	*ε* Hydræ . . .	21.59	+0.02	31	+0.62
γ Pegasi . . .	1.74	0.05	25	1.25	§3 Cancri . . .	9.71	0.09	28	2.52
12 Ceti	53.65	0.03	40	1.20	*α* Hydræ . . .	42.45	0.01	21	0.21
β Ceti	33.60	0.00	23	0.00	*ε* Leonis . . .	53.85	0.06	24	1.44
ε Piscium. . .	40.77	0.07	19	1.33	*π* Leonis . . .	48.75	0.05	21	1.05
δ Ceti	1.56	+0.01	59	+0.59	*α* Leonis . . .	54.75	+0.05	29	+1.45
η Piscium. . .	59.74	−0.01	24	−0.24	*γ* Leonis . . .	14.92	0.02	21	0.42
ν Piscium. . .	8.85	+0.04	34	+1.36	*ρ* Leonis . . .	26.22	0.04	22	0.88
β Arietis . . .	54.67	0.07	32	2.24	*l* Leonis . . .	53.72	0.02	23	0.46
α Arietis . . .	17.24	0.04	34	1.36	*χ* Leonis . . .	47.60	0.06	17	1.02
67 Ceti	0.10	+0.01	29	+0.29	*δ* Leonis . . .	39.44	+0.08	22	+1.76
ξ^2 Ceti	43.10	0.05	25	1.25	*δ* Crateris . . .	20.61	0.02	29	0.58
γ Ceti	2.92	0.04	36	1.44	*υ* Leonis . . .	46.86	0.03	21	0.63
α Ceti	57.80	0.06	22	1.32	*β* Leonis . . .	54.91	0.07	25	1.75
δ Arietis . . .	37.69	0.08	32	2.56	*ε* Corvi. . . .	55.73	0.04	15	0.60
η Tauri . . .	10.01	+0.05	34	+1.70	*η* Virginis . . .	44.62	+0.04	30	+1.20
γ Eridani . . .	29.94	−0.02	27	−0.54	*β* Corvi. . . .	2.26	0.05	10	0.50
o^1 Eridani . . .	2.00	+0.03	32	+0.96	*α* Canum Venat. .	28.29	0.13	2	0.26
ε Tauri. . . .	26.68	0.03	33	0.99	*θ* Virginis . . .	42.19	0.09	31	2.79
α Tauri. . . .	53.41	0.03	24	0.72	*α* Virginis . . .	49.26	0.05	45	2.25
ι Aurigæ . . .	52.76	+0.10	18	+1.80	*ζ* Virginis . . .	33.68	+0.03	26	+0.78
ε Leporis . . .	32.15	+0.01	25	+0.25	*η* Bootis . . .	1.06	0.08	23	1.84
β Orionis . . .	48.71	−0.06	20	−1.20	*τ* Virginis . . .	31.38	0.02	25	0.50
β Tauri. . . .	26.58	+0.06	26	+1.56	*α* Bootis . . .	16.56	0.04	18	0.72
δ Orionis . . .	51.33	0.00	27	0.00	*ρ* Bootis . . .	47.67	0.05	7	0.35
α Leporis . . .	33.45	−0.03	1	−0.03	*ε* Bootis . . .	52.33	+0.05	15	+0.75
ε Orionis . . .	6.63	+0.01	23	+0.23	*α* Libræ . . .	8.29	0.05	38	1.90
α Columbæ . .	34.88	0.00	19	0.00	*ψ* Bootis . . .	26.72	0.13	6	0.78
α Orionis . . .	35.58	0.02	10	0.20	*β* Libræ . . .	28.59	0.05	37	1.85
ι Orionis . . .	34.72	0.04	21	0.84	*α* Coronæ Borealis	45.57	0.09	30	2.70
μ Geminorum. .	29.40	+0.03	27	+0.81	*α* Serpentis . .	22.39	+0.05	37	+1.85
γ Geminorum. .	37.40	+0.02	13	+0.26	*β* Scorpii . . .	18.04	0.03	43	1.29
ε Canis Majoris .	7.50	0.00	38	0.00	*δ* Ophiuchi . .	0.64	0.05	41	2.05
γ Canis Majoris .	25.51	−0.01	36	−0.36	*α* Scorpii . . .	49.69	0.04	48	1.92
δ Geminorum. .	45.54	+0.03	32	+0.96	*ζ* Herculis. . .	0.46	0.10	15	1.50
a^2 Geminorum. .	39.70	+0.04	17	+0.68	*κ* Ophiuchi . .	2.52	+0.04	29	+1.16
β Geminorum. .	44.64	0.04	22	0.88	*α* Herculis. . .	15.82	0.07	33	2.31
6 Cancri . . .	54.82	0.07	19	1.33	*θ* Ophiuchi . .	24.80	0.04	40	1.60
ρ Argus . . .	34.97	0.01	23	0.23	*α* Ophiuchi . .	26.14	0.05	36	1.80
η Cancri . . .	36.45	0.07	29	2.03	*μ* Herculis. . .	58.77	0.07	16	1.12

TABLE V.—*Standard Stars Observed, &c.*—Continued.

Name of Star.	Obs'd R. A.	C − O Δa	No. of Obs'ns.	$n \times \Delta a$	Name of Star.	Obs'd R. A.	C − O Δa	No. of Obs'ns.	$n \times \Delta a$
	s.	s.		s.		s.	s.		s.
μ Sagittarii . .	23.39	+0.09	54	+4.86	β Aquarii . . .	11.15	+0.03	41	+1.23
a Lyræ	11.78	0.12	23	2.76	ε Pegasi . . .	18.54	0.06	35	2.10
β Lyræ	54.58	0.09	39	3.51	a Aquarii . . .	35.46	0.06	44	2.64
ζ Aquilæ . . .	58.46	0.03	34	1.02	θ Aquarii . . .	26.59	0.04	63	2.52
ω Aquilæ . . .	14.62	0.03	34	1.02	η Aquarii . . .	9.65	0.03	48	1.44
δ Aquilæ . . .	26.28	+0.04	48	+1.92	ζ Pegasi . . .	28.76	+0.03	37	+1.11
γ Aquilæ . . .	36.14	0.06	26	1.56	a Piscis Australis	54.38	0.04	46	1.84
a Aquilæ . . .	57.05	0.05	41	2.05	a Pegasi . . .	47.31	0.03	20	0.60
β Aquilæ . . .	26.08	0.07	44	3.08	γ Piscium . . .	54.46	0.02	39	0.78
a^2 Capricorni . .	16.98	0.05	38	1.90	κ Piscium . . .	45.31	0.03	41	1.23
ρ Capricorni . .	52.22	+0.04	28	+1.12	ι Piscium . . .	45.01	+0.05	28	+1.40
a Cygni . . .	39.53	0.05	12	0.60	δ Sculptoris . .	37.66	0.03	18	0.54
ζ Cygni . . .	58.66	0.07	36	2.52	ω Piscium . . .	7.39	0.04	34	1.36

Correction for equinox $= -\frac{\Sigma n \, \Delta a}{\Sigma n} = +\frac{120^s.56}{3029} = +0^s.043$

DECLINATIONS.

The Declinations published in this Catalogue were observed with the Mural Circle, the Meridian Circle, and the Prime Vertical Transit-Instrument. Equal weight is given to the observations of the Mural Circle and Prime Vertical Transit-Instrument, and half weight to the observations of the Meridian Circle.

It is not considered necessary to describe here the method of observing, as that has been done at length in the volume for 1846 and those of subsequent years.

The observations having all been reduced with the Latitude $+ 38^\circ\ 53'\ 39''.25$, they have all been changed in value to correspond with the value of the Latitude $+ 38^\circ\ 53'\ 38''.78$ given by Professor Newcomb in the Appendix to the volume for 1864. In fact, I applied the correction $- 0''.5$ to the Declination of stars above the pole, and $+ 0''.5$ to the places of stars observed below the pole, multiplying the places above and below the pole, respectively, by the number of observations of each kind and dividing the result by the sum of these numbers. This gives the Declination which would have been obtained had a Latitude $+ 38^\circ\ 53'\ 38''.75$ been used; and this remark applies to all the observations, with the exception of a few observed in 1872 with the Latitude $+ 38^\circ\ 53'\ 38''.8$. This difference is not material, as we reduce the observations to tenths of a second only.

The observations with the Prime Vertical Transit Instrument were corrected by the formula

$$\text{Correction} = \Delta\delta = \frac{\sin\ 2\delta}{\sin\ 2\varphi}\Delta\varphi$$

For $\varphi = 38^\circ\ 53'\ 38''.33$, and $\Delta\varphi = 0''.45$, the formula becomes,

$$\Delta\delta = [9.66315]\ \sin\ 2\delta$$

For the sake of consistency, it became necessary to leave out from the observations some corrections of Professor Newcomb which were made from a comparison of observations direct and by reflection. This was readily done, as the list of mean places had not been corrected, the correction having been made in the Catalogue of the year.

A large majority of the declination observations were made with the Mural Circle, and it is a matter of regret that I was not able to re-observe many stars of which only one observation was made with the Prime Vertical Transit-Instrument.

The stars in the Pleiades were mostly observed by Mr. Ferguson with the Equatorial; and those in Præsepe are the same that were observed with the same instrument by Professor Hall, and which were published in Appendix IV of the volume for 1867 of the Washington observations. Many of these stars, both in the Pleiades and in Præsepe, have been observed with the Transit Instrument and Mural Circle, and the observations have been published separate from those of the Equatorial, but in juxtaposition, in some cases substituting those made with the Transit-Instrument or Mural Circle for those made with the Equatorial. The notation of the stars of the Pleiades is that of Mr. Ferguson.

REDUCTION OF THE OBSERVATIONS.

On page [35], volume for 1847, Washington Observations, is carefully described by Professor Coffin the manner of forming the tables of reduction to their mean place for 1850.0 for the observations from 1846 to 1854, inclusive. "The formulas are those of Bessel; the co-efficients are the same as have been adopted in the American Ephemeris and Nautical Almanac. These include Struve's constant of aberration,

$$a = 20''.4451$$

Struve's and Peters's constants for precession,

$$m = 3^s.0717,7 + 0^s.0000,19\ (y - 1850)$$

$$n = 20''.0564 - 0''.0000,86\ (y - 1850)$$

and Peters's co-efficients for the terms of nutation, of which the principal is

$$N = 9''.2236 + 0''.0000,09\ (y - 1850)''$$

The remaining formulas are not given here, as they are now familiar to all who use the Nautical Almanac. After 1854 the tables were prepared, as published in our subsequent volumes, from the constants A, B, C, and D of the American Ephemeris; and until 1865 it was necessary to apply a small correction to the Epoch of the star list of the Ephemeris to reduce it to the Epoch, sun's mean longtitude 280°. After 1864 the star places and constants were given for the fictitious year, and this correction was not necessary.

The observations made in 1845 to 1850, inclusive, were reduced to the Epoch sun's mean longitude 281°; and as our subsequent observations were reduced to the Epoch sun's mean longitude 280°, it was necessary to correct those observations for about a day's precession, which has been done.

As our observations were reduced to the beginning of years which might be five years, or less, distant from the time of the observation, it became necessary to apply to the observations a correction for secular variation. If

$\Delta\alpha$ = the annual variation of the star's Right Ascension;

$\Delta\delta$ = the annual variation of the star's Declination;

$$k = \frac{1}{15}\cos\alpha\tan\delta\,\Delta\alpha + \frac{1}{225}\sin\alpha\sec^2\delta\,\Delta\delta;$$

$$k' = -\sin\alpha\,\Delta\alpha;$$

$$P = \frac{15}{2}\,n\sin 1'' = .0007292\,t^2,$$

the correction is $= Pk$ for Right Ascension, and Pk' for Declination.

All the observations in Declination were corrected for the correction,

$$\Delta_{\mathfrak{C}}\,\delta = +\,0.0813\sin 2\,\mathfrak{C}\cos\alpha - 0''.0886\cos 2\,\mathfrak{C}\sin\alpha$$

for which a convenient table is given in the volume for 1847.

THE CATALOGUE.

The first column contains the ordinal numbers of the stars in the Catalogue.

The second column contains the star's name or number in the Catalogue from which it was taken. The number of the Catalogues is now so great that their names are not further stated than as given in this column.

The third column contains the magnitude of the star, given from our estimates of magnitude, except for a few stars marked with a *; and the magnitude thus distinguished is generally that of the British Association Catalogue, the Radcliffe Catalogue, or that of the Catalogue from which the star was taken.

The fourth column contains the star's mean Right Ascension, such as it would be if reduced without proper motion and referred to the Epoch 1860.0, when the sun's mean longitude was 280°.

The fifth column contains the mean year of observation, and is the mean of the several times of observation made upon the star in Right Ascension in the different years and parts of a year, and will be the point of time from which all subsequent corrections for proper motion will be dated.

The sixth column contains the number of observations in Right Ascension; and for the Pleiades and Præsepe for the observations of the Equatorial, the number of comparisons in Right Ascension.

The seventh column contains the annual precession in Right Ascension; for the year 1860, it was computed from the formula,

$$\text{Precession in Right Ascension} = 3^{s}.072 + [0.12614] \sin \alpha \tan \delta$$

The eighth column contains the mean Declinations of the stars, with their proper signs as they would be if reduced without proper motion and referred to the Epoch 1860.0.

The ninth column contains the mean year of the observation in Declination, and is a mean of the several times of observation made upon the star in Declination in the different years and parts of a year in which the observations were made.

The tenth column contains the number of observations in Declination; for the Pleiades and Præsepe for the observations of the Equatorial, the number of comparisons in Declination.

The eleventh column contains the annual precession in Declination for the year 1860, and was computed from the formula,

$$\text{Precession in Declination} = [1.30223] \cos \alpha.$$

In transferring the places, both in Right Ascension and Declination, from one epoch to another, I have corrected the precession for secular variation; and for the stars, where the change in the values of n was important or the secular variation not known, I have computed the precessions for the middle time between the observations with the value n and the Right Ascension and Declination of the middle instant.

I was assisted in the computation of the Precessions by Professor Lockwood and Mr. A. N. Skinner, assistant observer. I am indebted to Professors Coffin and New-

comb for valuable suggestions in the reduction of the observations, and to Professor Harkness for his arrangement of the form of the Catalogue, and to all the officers for their sympathy in my long and arduous labors.

The names of the observers, for the stars taken from the published volumes, is not given, as they are on record in those volumes.

Very respectfully, your obedient servant,

M. YARNALL,

Professor of Mathematics, United States Navy.

Rear-Admiral B. F. SANDS, U. S. N.,

Superintendent United States Naval Observatory, Washington.

CATALOGUE OF STARS

OBSERVED AT THE

UNITED STATES NAVAL OBSERVATORY

DURING

THE YEARS 1845 TO 1871.

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
1	Lacaille 9726 . . .	7.5	0 0 0.56	62.8	2	+ 3.072	− 38 42 31.7	61.9	2	+ 20.06
2	Anonymous . . .	8.8	0 2.43	64.8	1	3.072	− 23 53 35.6	67.4	2	20.06
3	Weisse XXIII, 1227 .	9.0*	0 14.	. .	.	3.072	− 11 48 45.0	57.8	2	20.06
4	4 Ceti	5.5	0 33.75	69.3	2	3.072	− 3 19 41.9	62.8	2	20.06
5	Weisse XXIII, 1240 .	8.5	0 35.42	69.8	1	3.072	− 2 7 38.2	68.4	2	20.06
6	Lacaille 9732 . . .	6.5	0 0 37.42	63.4	4	+ 3.070	− 23 17 10.1	61.9	2	+ 20.06
7	Lalande 47307 . . .	7.6	0 38.05	69.7	2	3.075	+ 37 56 36.1	48.4	2	20.06
8	Weisse XXIII, 1242 .	9.0	0 38.79	62.2	3	3.071	− 11 54 30.1	55.5	3	20.06
9	O. Arg. N. 26423 . .	7.9	0 48.68	65.7	3	3.078	+ 53 1 8.1	65.7	3	20.06
10	Lalande 47310 . . .	9.0*	0 49.84	69.7	1	3.076	+ 36 29 35.0	48.9	1	20.06
11	Lacaille 9735 . . .	6.1	0 0 56.11	62.7	2	+ 3.068	− 34 18 33.3	68.4	2	+ 20.06
12	5 Ceti	5.5	1 1.98	68.8	2	3.072	− 3 13 38.0	65.4	2	20.06
13	α Andromedæ . . .	2.0*	1 9.38	54.4	222	3.076	+ 28 19 3.9	51.9	114	20.06
14	O. Arg. S. 8. . . .	8.5	1 10.31	67.3	2	3.070	− 19 59 25.8	70.2	3	20.06
15	Weisse XXIII, 1250 .	8.2	1 11.38	64.0	6	3.072	+ 2 39 45.8	66.0	5	20.06
16	Weisse XXIII, 1251 .	8.0	0 1 14.22	64.4	2	+ 3.073	+ 5 50 14.7	54.9	2	+ 20.07
17	O. Arg. S. 9. . . .	9.2	1 14.43	67.4	2	3.069	− 20 0 11.5	69.8	4	20.06
18	O. Arg. N. 14 . . .	8.1	1 26.78	65.7	3	3.083	+ 53 2 3.2	65.7	2	20.06
19	Weisse XXIII, 1258 .	8.5	1 37.74	60.4	2	3.073	+ 4 19 3.6	55.8	2	20.06
20	Weisse XXIII, 1260 .	8.5	1 38.32	60.4	2	3.073	+ 4 21 40.7	55.8	2	20.06
21	Lacaille 9737 . . .	7.0	0 1 38.68	65.4	2	+ 3.065	− 35 34 27.7	65.9	2	+ 20.06
22	Weisse XXIII, 1267 .	7.5	1 41.81	62.1	4	3.072	− 0 5 12.5	61.5	7	20.06
23	β Cassiopeæ	2.5*	1 42.86	45.8	6	3.088	+ 58 22 38.8	63.9	3	20.06
24	Weisse XXII, 1269 .	8.0	1 45.03	61.0	6	3.074	+ 12 1 34.3	59.8	5	20.06
25	Lacaille 9738 . . .	7.0	1 45.40	62.6	3	3.068	− 22 57 30.3	66.2	2	20.06
26	Weisse O, 4. . . .	8.0	0 1 57.88	60.7	7	+ 3.074	+ 12 1 54.8	60.0	5	+ 20.06
27	B. A. C. 10	5.8	2 12.57	62.4	2	3.065	− 28 46 2.9	59.8	3	20.06
28	Weisse O, 10 . . .	9.1	2 18.62	65.6	5	3.072	+ 1 31 34.1	67.9	2	20.06
29	Weisse O, 13 . . .	8.5	2 21.10	58.8	2	3.069	− 10 58 1.5	57.9	3	20.06
30	Weisse O, 24 . . .	8.0	2 41.22	61.7	2	3.075	+ 11 55 56.2	69.9	3	20.06

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession. 1860.
			h. m. s.			″	° ′ ″			″
31	B. A. C. 12	7.0	0 2 44.93	64.0	2	+ 3.071	− 3 20 24.0	62.8	8	+ 20.06
32	Weisse O, 24	8.5	2 46.51	64.9	2	3.073	+ 3 23 13.2	69.4	4	20.05
33	Lacaille 9747	7.2	2 50.93	66.4	2	3.064	− 26 39 14.1	67.9	1	20.05
34	Weisse O, 28	8.0*	2 53.21	63.8	2	3.069	− 9 45 14.7	57.9	2	20.05
35	B. A. C. 17	6.5*	3 8.84	67.3	2	3.070	− 6 1 36.7	67.9	2	20.05
36	B. A. C. 18	7.0*	0 3 14.79	59.4	2	+ 3.104	+ 58 53 40.0	53.8	2	+ 20.05
37	Weisse O, 41	8.7	3 19.36	62.9	2	3.069	− 10 4 11.4	61.9	4	20.05
38	O. Arg. S. 36	8.0	3 27.26	66.4	2	3.064	− 22 54 56.5	68.8	2	20.05
39	Weisse O, 44	8.3	3 28.82	66.4	2	3.073	+ 1 31 18.4	67.9	2	20.05
40	Lalande 17	6.8	3 31.56	68.8	2	3.087	+ 36 41 39.1	48.9	1	20.05
41	Lalande 26	8.0	0 3 39.10	69.2	3	+ 3.089	+ 38 59 8.7	48.8	1	+ 20.05
42	Lacaille 9753	5.8	3 39.72	68.9	2	3.057	− 35 38 25.4	61.9	2	20.05
43	Anonymous	7.8	3 39.80	68.8	1	3.074	+ 4 18 38.9	55.8	2	20.05
44	Weisse O, 51	7.8	3 54.86	64.4	4	3.073	+ 3 21 16.9	67.8	2	20.05
45	Weisse O, 59	8.3	4 7.12	61.9	2	3.076	+ 3 18 34.4	66.9	2	20.05
46	Anonymous	8.5	0 4 13.02	64.9	2	+ 3.056	− 33 34 47.2	68.8	2	+ 20.05
47	B. A. C. 23	5.5	4 27.52	65.3	2	3.058	− 28 34 45.0	65.9	2	20.05
48	Anonymous	8.8	4 20.85	68.9	2	3.075	+ 6 5 13.1	62.9	2	20.05
49	Santini 8.	7.0	4 36.57	61.5	6	3.076	+ 8 21 42.2	61.1	7	20.05
50	η Sculptoris	5.0	4 36.65	66.3	2	3.052	− 35 55 2.0	65.7	2	20.05
51	Weisse O, 71	9.0	0 4 49.06	65.4	2	+ 3.071	− 1 0 30.5	67.9	2	+ 20.05
52	Lalande 65	7.2	4 50.43	68.8	2	3.094	+ 38 15 40.1	48.8	1	20.05
53	B. A. C. 25	5.5	4 53.17	63.9	2	3.046	− 42 57 1.1	53.8	2	20.05
54	O. Arg. S. 47	5.2	5 1.51	68.9	2	3.062	− 18 42 58.5	66.9	2	20.05
55	O. Arg. S. 48	8.2	5 5.62	69.7	2	3.062	− 18 56 37.1	66.4	2	20.05
56	Lalande 81	6.0	0 5 22.35	69.8	2	+ 3.097	+ 38 30 31.5	48.7	1	+ 20.05
57	Lacaille 9766	7.0	5 29.74	65.8	2	3.056	− 27 38 10.7	68.8	2	20.05
58	O. Arg. S. 52	9.0*	5 31.58	67.8	2	3.060	− 19 58 27.9	69.4	2	20.05
59	Lalande 89	7.0	5 34.23	69.8	2	3.096	+ 36 54 54.0	46.8	1	20.05
60	Weisse O, 83	9.0	5 36.56	60.4	2	3.075	+ 5 23 52.1	54.9	2	20.05
61	Lacaille 1	7.2	0 5 36.66	68.8	2	+ 3.040	− 43 56 36.8	62.0	2	+ 20.05
62	Lalande 100.	8.0*	5 48.48	69.7	1	3.097	+ 36 38 25.9	48.9	1	20.05
63	Weisse O, 88	8.8	5 49.52	64.6	3	3.073	+ 2 10 14.2	69.4	2	20.05
64	Weisse O, 89	8.8	5 50.60	69.1	3	3.076	+ 6 7 0.6	55.9	3	20.05
65	Weisse O, 90	8.7	5 54.64	64.7	4	3.074	+ 2 36 50.2	59.0	1	20.05
66	γ Pegasi	3.6	0 6 1.79	52.4	235	+ 3.081	+ 14 24 18.2	59.1	73	+ 20.05
67	Anonymous	9.0	6 4.52	67.8	3	3.060	− 17 56 45.0	68.9	2	20.05
68	Anonymous	7.6	6 5.84	66.8	4	3.060	− 17 57 48.6	68.9	2	20.05
69	Lacaille 4	7.8	6 6.20	68.9	2	3.038	− 43 50 41.3	62.0	2	20.05
70	Lacaille 5	6.9	6 9.07	69.2	3	3.054	− 27 6 14.6	65.4	2	20.05

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year	No. of obs.	Annual Precession. 1860.
			h. m. s.			"	° ′ ″			"
71	B. A. C. 27	6.0	0 6 9.79	66.3	4	+ 3.043	− 38 36 5.7	63.9	4	+ 20.05
72	23 Andromedæ	5.5	6 14.98	69.8	2	3.103	+ 40 15 44.5	53.8	2	20.05
73	Harvard Z., 97, 22	9.2	6 21.67	67.7	2	3.072	+ 0 4 10.0	68.8	2	20.05
74	Lalande 130.	8.5	6 29.12	65.6	2	3.076	+ 5 48 6.2	65.7	2	20.05
75	Weisse O, 97	8.5	6 32.03	61.0	1	3.076	+ 6 9 39.5	69.4	2	20.05
76	O. Arg. S. 65	7.5	0 6 37.55	64.9	3	+ 3.055	− 23 59 28.1	67.9	2	+ 20.05
77	Lacaille 9	6.6	6 38.26	69.6	3	3.052	− 27 3 50.3	65.4	2	20.05
78	Anonymous	9.0	6 50.99	64.5	3	3.072	+ 0 5 29.1	68.9	2	20.05
79	Weisse O, 102	8.5	6 51.96	62.0	2	3.063	− 12 4 58.6	60.5	3	20.05
80	Lamont 21	8.1	6 53.70	65.9	2	3.071	− 0 48 42.9	68.4	2	20.05
81	Weisse O, 104	9.0*	0 6 54.54	59.9	3	+ 3.076	+ 6 6 0.9	55.9	4	+ 20.05
82	Weisse O, 110	8.8	7 18.44	61.9	3	3.074	+ 2 41 32.8	69.5	3	20.05
83	Weisse O, 112	9.0*	7 30.97	59.8	2	3.074	+ 2 35 8.2	57.9	3	20.05
84	Weisse O, 115	8.2	7 38.22	65.3	2	3.074	+ 2 30 11.1	68.4	2	20.05
85	35 Piscium, (1st *)	6.0*	7 46.33	61.2	7	3.078	+ 8 2 35.7	59.2	7	20.04
86	35 Piscium, (2d *)	7.0	0 7 46.72	61.8	3	+ 3.078	+ 8 2 26.4	59.5	6	+ 20.04
87	Lalande 181.	7.5	7 46.93	68.9	2	3.107	+ 37 17 40.0	48.9	1	20.04
88	Lacaille 17	7.5	7 48.67	63.3	2	3.042	− 32 55 49.8	65.3	2	20.04
89	B. A. C. 37	5.8	7 53.65	68.8	2	3.039	− 35 40 58.9	61.9	2	20.04
90	Weisse O, 124	6.9	8 7.41	68.9	2	3.066	− 6 54 53.7	57.9	3	20.04
91	Anonymous	8.2	0 8 17.62	68.9	2	+ 3.040	− 32 49 27.7	65.3	2	+ 20.04
92	B. A. C. 39	6.0*	8 20.86	59.4	2	3.270	+ 76 10 21.4	53.9	2	20.04
93	Lalande 201.	7.8	8 26.41	68.8	2	3.111	+ 38 14 33.3	48.9	1	20.04
94	Santini 10	7.2	8 27.03	59.4	2	3.076	+ 5 3 55.3	55.9	2	20.04
95	B. A. C. 41	6.5	8 27.72	68.8	2	3.029	− 41 13 49.7	61.8	2	20.04
96	Lalande 202	8.0	0 8 40.08	69.8	2	+ 3.112	+ 37 58 51.2	48.9	1	+ 20.04
97	Lacaille 21	7.9	8 40.27	68.8	2	3.035	− 35 55 43.9	65.3	2	20.04
98	B. A. C. 42	7.0	8 46.26	64.2	7	3.075	+ 3 28 26.2	67.4	2	20.04
99	Weisse O, 138	7.6	8 53.44	67.3	2	3.079	+ 7 20 19.2	67.8	2	20.04
100	B. A. C. 43	5.6	9 3.51	63.5	5	3.039	− 32 13 28.1	67.4	2	20.04
101	O. Arg. S. 90	8.0	0 9 10.93	69.7	2	+ 3.057	− 15 15 1.9	68.3	2	+ 20.04
102	36 Piscium	6.0	9 22.62	67.3	2	3.079	+ 7 27 46.9	67.8	2	20.04
103	Lalande 221	7.5	9 25.26	70.0	6	3.112	+ 35 51 10.0	48.9	2	20.04
104	Lalande 220	7.5*	9 25.38	68.8	2	3.111	+ 35 42 40.0	48.9	2	20.04
105	Lacaille 26	7.0*	9 28.66	64.2	7	3.035	− 33 32 19.3	63.9	4	20.04
106	B. A. C. 47	7.5*	0 9 28.87	69.8	2	+ 3.073	+ 1 4 18.1	62.8	1	+ 20.04
107	Anonymous	8.9	9 31.36	69.4	2	3.115	+ 37 26 35.0	48.9	1	20.04
108	Lalande 231	7.5	9 36.47	69.7	1	3.117	+ 39 1 19.7	48.7	1	20.04
109	B. A. C. 49	6.9	9 39.03	62.8	10	3.035	− 33 27 58.3	63.9	5	20.04
110	Anonymous		9 39.33	69.7	2	3.072	− 0 0 21.4	64.9	2	20.04

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
111	θ Andromedæ . . .	5.5	0 9 47.07	69.3	2	+ 3.116	+ 37 54 15.0	46.8	14	+ 20.04
112	Weisse (2) 256 . . .	8.6	9 48.38	70.2	6	3.113	+ 35 46 46.5	48.9	1	20.04
113	Lalande 251 . . .	7.8	10 14.20	70.3	7	3.115	+ 35 46 24.1	48.9	1	20.04
114	Weisse O, 164 . . .	7.9	10 18.40	66.4	2	3.072	− 0 27 37.7	67.4	2	20.04
115	Groombridge 34 . .	8.1	10 27.14	70.6	4	3.129	+ 43 13 49.0	69.5	5	20.04
116	B. A. C. 57	6.6	0 10 36.33	65.1	3	+ 3.073	+ 0 54.36.8	62.8	15	+ 20.03
117	Weisse O, 172 . . .	8.3	10 39.21	64.9	3	3.064	− 6 55 52.8	57.9	3	20.03
118	Anonymous . . .	9.0	10 39.40	65.4	2	3.064	− 6 57 55.6	69.8	2	20.03
119	Anonymous . . .	9.2	10 50.34	68.9	2	3.072	+ 0 9 40.4	64.8	3	20.03
120	σ Andromedæ . . .	4.8	11 1.28	68.8	2	3.119	+ 36 0 32.6	47.8	1	20.03
121	B. A. C. 59	5.7	0 11 16.92	64.4	5	+ 3.022	− 37 17 16.2	65.8	2	+ 20.03
122	Lacaille 37	7.6	11 37.92	62.8	4	3.032	− 30 44 2.7	61.9	2	20.03
123	Weisse O, 189 . . .	8.0	11 39.94	58.8	2	3.058	− 11 43 34.2	57.9	2	20.03
124	Weisse O, 192 . . .	8.8	11 55.52	60.4	2	3.080	+ 6 30 15.5	55.4	2	20.03
125	Weisse O, 196 . . .	8.8	12 8.32	62.3	5	3.075	+ 2 17 48.8	65.8	2	20.03
126	ι Ceti	3.4*	0 12 17.71	49.7	10	+ 3.060	− 9 36 0.8	60.1	6	+ 20.03
127	O. Arg. S. 117 . . .	7.7	12 22.52	64.5	3	3.048	− 18 27 26.9	66.9	2	20.03
128	Lalande 330. . . .	6.8	12 27.12	68.8	2	3.125	+ 36 11 10.2	48.9	1	20.03
129	Weisse O, 199 . . .	7.5	12 27.72	59.4	2	3.062	− 7 59 48.1	57.9	2	20.03
130	Weisse O, 202 . . .	9.0	12 39.51	60.0	5	3.088	+ 12 36 56.4	56.4	2	20.03
131	Lalande 335 . . .	6.2	0 12 41.27	68.8	2	+ 3.129	+ 37 27 42.2	48.9	1	+ 20.03
132	Weisse O, 210 . . .	7.2	12 53.40	58.8	2	3.079	+ 5 30 52.4	56.4	2	20.02
133	Lalande 344 . . .	7.4	12 53.92	63.8	3	3.036	− 25 53 43.0	67.8	2	20.02
134	O. Arg. S. 122 . . .	7.0	12 56.70	64.5	3	3.047	− 18 28 39.7	65.4	2	20.02
135	Weisse O, 212 . . .	7.6	12 58.57	62.1	5	3.075	+ 2 15 24.2	66.9	3	20.02
136	Radcliffe 65	8.0	0 13 4.62	69.7	2	+ 3.146	+ 44 9 41.9	67.9	2	+ 20.02
137	Lacaille 46	7.0	13 9.58	63.6	3	3.015	− 36 40 46.7	66.4	2	20.02
138	Anonymous . . .	7.9	13 14.31	65.2	3	3.021	− 33 32 40.0	68.3	2	20.02
139	d Piscium	5.0	13 23.75	61.8	28	3.083	+ 7 24 44.7	59.1	8	20.02
140	Lacaille 48	6.9	13 44.60	62.9	2	3.036	− 24 24 26.3	64.9	2	20.02
141	ρ Andromedæ . . .	4.8	0 13 45.28	69.2	3	+ 3.133	+ 37 11 34.2	47.8	4	+ 20.02
142	Radcliffe 73. . . .	7.0	13 46.38	69.7	2	3.150	+ 44 9 37.5	67.9	2	20.02
143	Lalande 380 . . .	8.0	13 48.24	68.8	2	3.134	+ 37 37 41.7	48.9	1	20.02
144	Weisse O, 229 . . .	7.5	13 48.89	61.7	5	3.089	+ 11 59 40.4	55.6	3	20.02
145	Lalande 383 . . .	6.8	13 48.95	68.8	2	3.129	+ 35 6 9.8	48.9	1	20.02
146	Lacaille 49	7.6	0 13 53.12	63.3	4	+ 3.024	− 30 27 49.2	65.9	2	+ 20.02
147	Lacaille 50	6.8	13 55.68	69.7	2	3.004	− 40 0 58.8	67.9	2	20.02
148	Weisse O, 233 . . .	8.5	13 57.97	61.4	4	3.089	+ 11 56 11.6	55.9	2	20.02
149	Weisse O, 239 . . .	9.0	14 14.22	60.2	3	3.055	− 11 27 39.9	57.9	2	20.02
150	Lacaille 52	6.4	14 14.99	63.8	4	3.010	− 36 34 30.3	67.4	2	20.02

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			h. m. s.			"	° ′ ″			"
151	ι Sculptoris	5.0	0 14 28.82	66.5	3	+ 3.024	— 29 45 21.9	57.6	4	+ 20.02
152	Weisse O, 245 . . .	8.4	14 39.69	68.9	2	3.080	+ 5 6 45.6	57.0	2	20.02
153	O. Arg. S. 136 . . .	5.6	14 40.89	64.8	4	3.039	— 20 50 6.9	67.8	2	20.02
154	Weisse O, 246 . . .	9.0*	14 40.92	46.9	3	3.071	— 0 46 52.0	46.8	4	20.02
155	Lacaille 55	7.7	14 47.30	64.6	4	3.034	— 23 46 50.6	68.2	5	20.01
156	Weisse O, 247 . . .	8.2	0 14 47.76	65.6	6	+ 3.081	+ 6 14 7.2	65.5	3	+ 20.01
157	Lalande 409. . . .	8.0*	14 54.85	68.9	1	3.137	+ 36 59 10.5	48.9	1	20.01
158	Weisse O, 236 . . .	7.5	15 5.66	64.7	5	3.063	— 5 58 6.4	61.7	5	20.01
159	Radcliffe 79. . . .	8.5	15 7.20	65.4	2	3.158	+ 44 9 2.2	67.9	2	20.01
160	Weisse O, 255 . . .	8.9	15 12.67	62.4	4	3.079	+ 4 27 14.2	68.4	2	20.01
161	Lalande 421. . . .	6.2	0 15 34.66	68.8	2	+ 3.143	+ 37 58 38.5	47.6	3	+ 20.01
162	9 Ceti	6.0*	15 41.25	61.4	2	3.051	— 12 59 19.7	59.4	5	20.01
163	Lacaille 60	7.0	15 46.01	63.5	3	3.005	— 36 9 53.5	67.8	2	20.01
164	Lacaille 61	6.0	15 49.63	69.7	2	2.996	— 40 2 20.7	67.9	2	20.01
165	Lacaille 62	6.2	15 53.92	63.8	2	2.999	— 38 10 48.7	68.4	2	20.01
166	Anonymous . . .	8.8	0 16 9.43	68.8	2	+ 3.145	+ 37 48 43.6	48.9	1	+ 20.01
167	B. A. C. 77	6.4	16 11.81	62.4	3	3.013	— 31 48 44.7	69.6	4	20.01
168	Lacaille 66	7.3	16 20.95	64.4	3	3.017	— 30 37 22.4	68.3	2	20.01
169	Lacaille 72	7.0	17 6.46	63.8	2	2.994	— 38 11 10.9	68.4	2	20.00
170	O. Arg. S. 160 . . .	8.2	17 10.25	67.4	2	3.027	— 24 10 43.0	67.8	2	20.00
171	O. Arg. S. 163 . . .	7.2	0 17 17.64	68.8	2	+ 3.014	— 29 45 27.2	54.9	2	+ 20.00
172	B. A. C. 81	5.5	17 20.53	53.4	5	3.067	— 2 59 35.3	68.3	2	20.00
173	Weisse O, 287 . . .	8.0	17 22.43	60.8	4	3.077	+ 2 35 56.5	62.4	4	20.00
174	B. A. C. 83	6.0*	17 33.15	58.7	2	3.204	+ 52 16 14.8	53.8	3	20.00
175	Anonymous . . .	9.2	17 39.99	67.3	2	3.085	+ 6 57 50.2	68.9	2	20.00
176	Lalande 489. . . .	8.5*	0 17 42.15	68.9	1	+ 3.153	+ 38 15 38.1	48.8	1	+ 20.00
177	O. Arg. S. 169 . . .	7.5	17 46.30	67.8	2	3.025	— 24 13 43.6	67.8	2	20.00
178	Lacaille 78	6.9	18 3.54	63.4	5	3.008	— 31 27 45.9	62.0	2	19.99
179	44 Piscium	5.7	18 13.62	64.3	12	3.074	+ 1 9 51.2	61.2	19	19.99
180	Lalande 508. . . .	7.6	18 14.00	69.1	4	3.149	+ 35 42 31.4	48.9	1	19.99
181	Lalande 509. . . .	8.2	0 18 14.42	68.9	2	+ 3.149	+ 36 0 5.7	48.9	1	+ 19.99
182	Lacaille 81	6.0	18 26.29	66.9	2	2.982	— 40 2 1.2	67.9	2	19.99
183	45 Piscium	6.6	18 29.01	62.7	25	3.085	+ 6 55 1.9	62.5	7	19.99
184	Lacaille 82	7.0	18 39.35	62.9	3	3.027	— 22 24 25.4	59.5	3	19.99
185	Lacaille 83	6.3	18 44.60	63.9	3	3.013	— 28 29 4.6	67.9	2	19.99
186	Weisse O, 305 . . .	7.0	0 18 44.85	70 3	2	+ 3.078	+ 3 8 59.2	69.9	2	+ 19.99
187	Weisse O, 306 . . .	8.0*	18 45.18	70.9	2	3.054	— 9 7 38.2	70.9	2	19.99
188	B. A. C. 91	7.0*	18 46.92	58.8	2	3.110	+ 19 22 15.3	53.9	2	19.99
189	Weisse O, 308 . . .	8.2	18 50.34	70.3	2	3.078	+ 3 6 45.9	69.9	2	19.99
190	Lacaille 84	6.8	18 56.83	63.1	4	3.004	— 31 31 26.0	62.0	2	19.99

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			h. m. s.			"	° ′ ″			"
191	B. A. C. 92	7.0*	0 19 0.60	58.9	2	+ 3.236	+ 55 51 56.6	53.8	3	+ 19.99
192	Anonymous . . .	8.0	19 1.60	63.8	1	3.073	+ 0 23 20.2	66.9	2	19.99
193	Weisse O, 312 . . .	7.0	19 4.95	58.8	2	3.078	+ 3 2 59.6	57.6	4	19.99
194	Santini 23	7.2	19 6.61	62.1	5	3.082	+ 5 19 8.9	66.9	2	19.99
195	Lacaille 86	7.3	19 13.16	62.9	3	3.026	— 22 26 52.3	67.4	2	19.99
196	α Phœnicis.	3.0	0 19 21.50	63.0	2	+ 2.966	— 43 4 2.6	67.9	2	+ 19.99
197	Anonymous . . .	7.0	19 26.67	61.9	1	3.078	+ 3 9	. .	. .	19.98
198	Groombridge 64, (1st *)	7.3	19 38.01	70.3	2	3.205	+ 49 12 36.8	68.8	2	19.98
199	Groombridge 64, (2d *)	8.3	19 39.81	70.3	2	3.205	+ 49 12 46.7	68.8	2	19.98
200	Weisse O, 321 . . .	9.0*	19 48.10	69.7	1	3.062	— 4 44 17.5	70.9	1	19.98
201	B. A. C. 96	7.0*	0 19 56.98	63.5	3	+ 3.060	— 5 46 42.3	54.9	3	+ 19.98
202	Lacaille 90	6.0	20 13.54	66.3	2	3.014	— 26 19 19.8	67.8	2	19.98
203	Anonymous . . .	9.0	20 17.59	68.8	3	3.074	+ 1 7 30.9	67.9	2	19.98
204	Lacaille 92	7.0	20 31.24	64.0	3	2.996	— 32 36 15.7	68.8	2	19.98
205	Weisse O, 337 . . .	7.8	20 31.75	70.3	4	3.080	+ 3 49 57.8	67.9	2	19.98
206	O. Arg. S. 202 . . .	6.4	0 20 34.09	63.8	4	+ 3.026	— 20 54 35.6	69.5	2	+ 19.98
207	48 Piscium.	5.5	20 56.46	68.8	2	3.106	+ 15 40 14.8	70.6	3	19.98
208	B. A. C. 103. . . .	5.2	20 58.75	63.5	3	2.989	— 33 46 49.8	70.9	2	19.97
209	Anonymous . . .	9.5	21 15.38	67.3	2	3.088	+ 7 20 36.7	67.9	1	19.97
210	Weisse O, 341 . . .	8.8	21 18.20	69.9	2	3.086	— 6 18 58.5	69.9	2	19.97
211	O. Arg. S. 210 . . .	6.5	0 21 19.68	67.3	2	+ 3.120	— 21 6 17.0	70.9	2	+ 19.97
212	Lacaille 98	6.5	21 27.28	64.4	2	3.000	— 30 3 29.8	70.4	2	19.97
213	Lalande 631. . . .	6.0	21 31.16	69.2	3	3.163	+ 36 7 30.3	47.8	1	19.97
214	Anonymous . . .	7.8	21 32.19	65.8	2	2.979	— 36 29 37.2	70.0	2	19.97
215	Lacaille 100. . . .	6.7	21 49.98	64.2	3	3.012	— 25 24 40.8	68.4	2	19.97
216	Weisse O, 358 . . .	9.0*	0 22 10.21	64.8	6	+ 3.089	+ 7 20 36.6	65.8	2	+ 19.96
217	Lalande 656. . . .	6.7	22 25.24	68.8	3	3.172	+ 37 33 11.7	47.8	1	19.96
218	Anonymous . . .	8.0	22 27.34	65.8	1	2.975	— 36 29 51.4	70.0	2	19.96
219	Lalande 658. . . .	8.2	22 29.52	67.3	2	3.061	— 4 47 15.9	69.0	2	19.96
220	Weisse O, 368 . . .	8.0*	22 40.66	46.9	3	3.070	— 1 5 46.4	50.3	6	19.96
221	28 Andromedæ . . .	6.0*	0 22 44.46	50.4	6	+ 3.145	+ 28 58 45.5	53.8	3	+ 19.96
222	Groombridge 67 . .	7.5	22 52.24	61.8	6	4.781	+ 85 32 43.7	65.8	2	19.96
223	12 Ceti	5.7	22 53.67	62.6	86	3.061	— 4 43 53.8	59.5	13	19.96
224	B. A. C. 113. . . .	6.8	22 56.94	62.5	5	3.081	+ 4 5 7.7	62.1	22	19.96
225	Weisse O, 375 . . .	8.0	23 17.72	64.8	5	3.090	+ 7 44 17.8	67.4	2	19.95
226	Weisse O, 376 . . .	9.0*	0 23 19.72	58.8	2	+ 3.078	+ 2 29 34.0	58.8	2	+ 19.95
227	Weisse O, 377 . . .	8.6	23 21.25	70.4	2	3.069	— 1 8 46.4	68.9	3	19.95
228	B. A. C. 115. . . .	5.0	23 22.30	67.3	2	3.010	— 24 33 44.2	67.8	2	19.95
229	49 Piscium	7.2	23 31.02	68.8	2	3.109	+ 15 15 50.7	69.2	3	19.95
230	Groombridge 73 . .	8.0	23 31.41	62.0	1	3.198	+ 42 36 42.7	67.9	1	19.95

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			h. m. s.			″	° ′ ″			″
231	Lalande 713 . . .	6.0	0 23 56.75	68.8	2	+ 3.184	+ 38 12 24.7	47.8	1	+ 19.95
232	Weisse O, 393 . . .	8.9	24 17.86	62.9	2	3.075	+ 1 21 48.1	62.9	6	19.94
233	B. A. C. 122 . . .	7.2	24 19.62	58.8	2	3.111	+ 15 14 56.0	69.4	4	19.94
234	Lalande 736. . . .	7.7	24 22.39	69.2	3	3.176	+ 36 11 36.0	48.9	1	19.94
235	κ Cassiopeæ	4.0*	25 4.16	62 0	2	3.348	+ 62 9 30.2	61.4	5	19.94
236	51 Piscium	6.5*	0 25 10.50	56.0	4	+ 3.088	+ 6 10 53.9	54.9	5	+ 19.94
237	Lalande 762 . . .	6.0	25 14.34	68.8	2	3.187	+ 38 4 17.0	47.3	2	19.93
238	52 Piscium	6.0	25 15.31	60.7	2	3.124	+ 19 31 21.6	54.8	3	19.93
239	Lacaille 118. . . .	6.7	25 21.57	63.8	4	3.002	− 25 25 12.6	66.0	2	19.93
240	Lalande 767. . . .	8.0*	25 23. . .	.		3.176	+ 35 5 7.7	48.9	1	19.93
241	Weisse O, 421 . . .	8.4	0 25 30.34	68.8	3	+ 3.046	− 9 48 25.9	57.9	2	+ 19.93
242	Weisse O, 420 . . .	8.7	25 31.18	62.9	2	3.076	+ 1 23 11.5	62.9	6	19.93
243	Weisse O, 425 . . .	9.0*	25 39.49	46.9	3	3.069	− 1 13 4.2	46.9	1	19.93
244	Lacaille 121. . . .	5.7	25 40.68	61.9	2	2.999	− 26 7 50.3	65.8	2	19.93
245	Weisse O, 434 . . .	6.6	26 3.05	65.8	2	3.060	− 4 37 15.9	63.9	3	19.93
246	Weisse O, 436 . . .	9.0	0 26 14.48	59.4	2	+ 3.096	+ 8 58 52.2	58.4	4	+ 19.93
247	Weisse O, 437 . . .	8.0	26 16.50	65.9	2	3.059	− 4 48 53.0	64.2	3	19.92
248	16 Cassiopeæ	6.5	26 17.38	62.0	1	3.415	+ 65 58 42.0	67.8	2	19.92
249	Weisse O, 439 . . .	7.6	26 19.40	67.4	2	3.068	− 1 22 52.9	67.8	2	19.92
250	B. A. C. 133. . . .	7.5	26 20.32	59.8	2	3.127	+ 19 39 38.3	53.8	3	19.92
251	O. Arg. S. 264 . . .	7.5*	0 26 38.36	63.9	4	+ 2.994	− 26 48 51.2	65.8	2	+ 19.92
252	Santini 30	7.7	26 42.79	64.0	11	3.079	+ 2 32 51.7	58.8	2	19.92
253	B. A. C. 135 . . .	6.2	26 45.26	63.1	5	2.981	− 30 19 50.3	67.5	2	19.92
254	Lacaille 126. . . .	7.2	26 46.52	68.8	2	2.944	− 39 27 24.4	64.2	3	19.92
255	Weisse O, 444 . . .	9.2	26 51.09	61.9	2	3.046	− 9 29 30.2	57.9	2	19.92
256	B. A. C. 136, (1st *) .	6.5	0 26 51.64	63.5	5	+ 2.959	− 35 45 23.5	68.2	3	+ 19.92
257	B. A. C. 136, (2d *) .	8.0	26 51.67	66.7	2	2.959	− 35 45 28.1	69.4	2	19.92
258	Weisse O, 450 . . .	8.0	26 55.46	59.6	4	3.086	+ 5 11 3.2	56.9	3	19.92
259	B. A. C. 137 . . .	7.3	26 55.54	61.4	6	3.098	+ 9 31 57.0	58.4	4	19.92
260	Weisse O, 453 . . .	9.2	27 5.36	65.0	5	3.094	+ 7 54 51.2	69.8	1	19.92
261	Lacaille 131. . . .	7.6	0 27 10.97	63.2	3	+ 2.969	− 33 4 33.8	69.9	1	+ 19.92
262	B. A. C. 138, (1st *) .	7.4	27 20.88	65.8	8	3.057	− 5 19 8.3	65.7	4	19.91
263	B. A. C. 138, (2d *) .	9.2	27 21.89	65.8	6	3.057	− 5 18 54.0	69.6	3	19.91
264	Lalande 849. . . .	6.5	27 40.65	69.2	3	3.189	+ 36 3 38.2	47.4	2	19.91
265	Anonymous . . .	9.5	27 44.53	62.9	2	3.075	+ 1 2 39.1	68.9	2	19.91
266	Weisse O, 446. . .	8.3	0 27 44.62	67.3	2	+ 3.082	+ 3 36 56.0	68.9	2	+ 19.91
267	Rumker 138 . . .	6.0	28 1.62	68.9	2	3.186	+ 34 53 13.7	58.2	3	19.91
268	13 Ceti	6.0	28 2.58	61.8	10	3.060	− 4 21 50.8	63.8	2	19.91
269	Lacaille 138. . . .	7.0	28 4.60	64.3	4	2.989	− 26 53 51.7	67.8	2	19.91
270	Lalande 863 . . .	8.0	28 5.09	68.8	2	3.190	+ 35 48 28.0	48.9	1	19.90

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			h. m. s.			"	° ′ ″			"
271	Weisse O, 476 . . .	8.5	0 28 16.15	61.2	4	+ 3.093	+ 7 22 32.7	59.9	3	+ 19.90
272	Weisse O, 477 . . .	7.6	28 16.64	65.5	4	3.082	+ 3 31 22.3	69.9	3	19.90
273	14 Ceti	7.0	28 21.72	61.7	7	3.068	− 1 16 30.4	54.0	10	19.90
274	Lalande 884 . . .	6.2	28 35.56	68.8	2	3.200	+ 37 28 50.8	47.8	1	19.90
275	B. A. C. 149 . . .	6.0*	28 39.85	60.2	5	3.109	+ 12 26 33.2	53.9	2	19.90
276	O. Arg. S. 284 . . .	8.2	0 28 41.12	64.6	4	+ 2.985	− 27 37 43.2	69.3	2	+ 19.90
277	(* 127) Washington .	. .	28 44.	. .	.	3.079	+ 2 33 5.5	69.9	2	19.90
278	Rumker, N. F., 235 .	7.0	28 49.75	65.9	2	3.091	+ 6 23 5.3	67.9	2	19.90
279	Lacaille 142. . . .	6.3	29 8.74	63.9	8	2.998	− 23 36 45.9	67.9	2	19.89
280	Weisse O, 491 . . .	8.0	29 10.11	60.2	2	3.096	+ 8 6 13.5	58.4	4	19.89
281	ζ Cassiopeæ	5.0	0 29 11.47	69.4	2	+ 3.299	+ 53 7 32.2	69.9	2	+ 19.89
282	Weisse (2) O, 746 . .	7.5	29 20.11	68.9	1	3.156	+ 26 16 54.8	63.4	2	19.89
283	π Andromedæ . . .	4.0	29 24.69	54.3	5	3.183	+ 32 56 51.7	58.0	2	19.89
284	Anonymous. . . .	7.2	29 25.92	68.8	2	2.933	− 39 3 50.9	64.9	2	19.89
285	53 Piscium	5.5	29 29.93	61.2	3	3.116	+ 14 27 39.1	63.4	4	19.89
286	Anonymous . . .	9.0	0 29 37.05	62.9	2	+ 3.075	+ 1 5 5.5	67.9	2	+ 19.89
287	Weisse O, 496 . . .	8.2	29 43.90	60.4	2	3.086	+ 4 38 28.1	56.9	2	19.89
288	O. Arg. S. 303 . . .	7.2	29 48.94	68.9	2	2.990	− 25 16 12.3	67.2	3	19.89
289	B. A. C. 158. . . .	6.0*	29 51.97	58.7	2	3.192	+ 34 37 42.5	60.6	5	19.89
290	O. Arg. S. 304 . . .	7.5	29 53.18	68.9	2	2.990	− 25 15 33.4	66.9	2	19.89
291	Weisse O, 503 . . .	8.5	0 30 0.23	69.3	2	+ 3.067	− 1 38 9.1	64.4	2	+ 19.89
292	Weisse O, 506 . . .	9.5	30 8.27	65.7	2	3.085	+ 4 15 41.2	69.4	2	19.88
293	B. A. C. 160 . . .	5.2	30 9.27	62.4	8	2.988	− 25 32 17.1	69.8	4	19.88
294	B. A. C. 161 . . .	7.0	30 18.11	61.1	4	3.079	+ 2 22 1.1	68.9	2	19.88
295	Weisse O, 510 . . .	7.5	30 28.22	68.9	1	3.095	+ 7 15 4.5	65.8	2	19.88
296	Lalande 963. . . .	8.3	0 30 46.56	68.8	3	+ 3.203	+ 36 17 54.6	48.9	1	+ 19.88
297	Lalande 967. . . .	8.0	30 48.96	58.8	2	3.078	+ 1 59 34.2	59.1	4	19.88
298	Weisse O, 511 . . .	8.5	30 50.00	67.7	2	3.086	+ 4 21 31.7	70.8	2	19.88
299	15 Ceti	6.5	30 55.15	55.2	11	3.068	− 1 16 25.6	59.4	16	19.87
300	Lalande 966. . . .	6.9	30 57.78	68.9	2	3.209	+ 37 14 58.5	48.9	1	19.87
301	O. Arg. S. 312 . . .	8.1	0 31 7.64	67.3	2	+ 2.966	− 30 16 57.0	69.9	3	+ 19.87
302	ε Andromedæ. . . .	4.0*	31 9.99	46.4	3	3.171	+ 28 33 0.4	70.3	3	19.87
303	Lalande 975. . . .	8.2	31 11.85	69.5	3	3.203	+ 35 49 26.5	48.9	1	19.87
304	Lacaille 155. . . .	6.5	31 21.18	69.7	2	2.906	− 42 21 45.9	62.0	2	19.87
305	Anonymous. . . .	. .	31 27.50	68.9	2	2.985	− 25 26 1.0	66.9	3	19.87
306	Anonymous. . . .	. .	0 31 28.18	69.8	2	+ 2.954	− 32 48 14.9	64.9	2	+ 19.87
307	δ Andromedæ. . . .	3.0*	31 50.93	59.7	3	3.179	+ 30 5 40.4	57.0	4	19.86
308	Lacaille 157. . . .	6.0	31 51.63	63.9	7	2.982	− 25 52 38.7	66.3	2	19.86
309	B. A. C. 167. . . .	7.0	31 54.62	66.4	8	3.080	+ 2 21 10.6	68.4	4	19.86
310	Lalande 1003 . . .	7.4	32 3.65	69.4	2	3.207	+ 36 1 18.8	48.9	1	19.86

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			h. m. s.			"	° ′ ″			"
311	Weisse (2) O, 832 . .	8.0	0 32 4.00	68.9	2.	+ 3.164	+ 25 58 9.6	57.5	3	+ 19.86
312	O. Arg. N. 599 . . .	9.0	32 27.83	62.6	3	3.350	+ 55 46 17.5	68.4	2	19.86
313	55 Piscium	6.0	32 33.79	65.9	2	3.143	+ 20 40 11.9	64.8	2	19.85
314	Weisse O, 544 . . .	7.5	32 34.79	65.7	2	3.082	+ 2 52 54.1	68.4	2	19.85
315	*a* Cassiopeæ	Var.*	32 35.00	49.5	123	3.350	+ 55 46 8.1	50.9	95	19.85
316	Anonymous . . .	7.8	0 32 54.79	68.9	2	+ 2.980	— 25 47 56.3	66.9	2	+ 19.85
317	Anonymous . . .	9.5	32 57.97	64.3	2	3.008	— 18 25 48.9	68.3	2	19.85
318	Lacaille 164. . . .	8.0	33 2.04	68.8	2	2.896	— 42 25 36.1	62.0	2	19.85
319	Lacaille 162. . . .	7.0	33 4.36	65.8	2	2.939	— 34 43 41.2	68.3	2	19.85
320	Weisse O, 556 . . .	9.0	33 5.87	64.5	2	3.087	+ 4 30 43.4	68.3	2	19.85
321	Anonymous . . .	9.0	0 33 10.84	64.4	2	+ 3.008	— 18 21 41.0	69.3	2	+ 19.85
322	Weisse O, 560 . . .	8.0	33 17.20	58.8	2	3.043	— 8 25 20.3	57.9	3	19.85
323	Lacaille 167. . . .	6.3	33 29.75	62.5	3	2.983	— 24 33 40.5	67.8	2	19.84
324	Weisse O, 563 . . .	9.0*	33 30.69	69.8	2	3.055	— 5 6 50.8	68.8	2	19.84
325	32 Andromedæ . . .	5.2	33 32.51	68.8	2	3.228	+ 38 41 22.7	46.6	4	19.84
326	B. A. C. 174. . . .	6.0*	0 33 34.81	62.8	3	+ 3.054	— 5 7 13.7	68.8	2	+ 19.84
327	Lacaille 169. . . .	6.0	33 40.20	64.9	2	2.958	— 30 11 26.2	69.9	2	19.84
328	Weisse O, 571 . . .	9.0	33 45.56	65.7	5	3.086	+ 3 59 55.4	70.8	2	19.84
329	Weisse O, 572 . . .	8.8	33 46.31	69.8	2	3.094	+ 6 29 47.1	54.8	2	19.84
330	B. A. C. 177. . . .	7.0	33 57.94	59.6	3	3.102	+ 8 35 24.4	54.9	3	19.84
331	Weisse O, 583 . . .	7.9	0 34 9.28	65.7	3	+ 3.082	+ 2 49 50.5	66.0	3	+ 19.83
332	Lalande 1097 . . .	8.1	34 23.57	63.4	6	3.075	+ 0 58 46.6	64.7	9	19.83
333	Anonymous . . .	9.4	34 28.63	70.0	2	3.047	— 7 10 23.9	68.8	1	19.83
334	Weisse O, 588 . . .	8.1	34 34.12	67.3	2	3.082	+ 2 52 28.1	68.4	2	19.83
335	O. Arg. S. 358 . . .	6.0	34 39.10	68.8	2	2.974	— 25 57 50.6	66.3	2	19.83
336	Anonymous . . .	9.0	0 34 42.92	64.3	2	+ 3.075	+ 0 57	. .	.	+ 19.83
337	Anonymous . . .	. .	34 45.	. .	.	3.076	+ 1 1 47.2	70.9	2	19.83
338	Anonymous . . .	9.0	34 47.42	68.2	3	3.079	+ 1 57 40.6	68.4	2	19.83
339	Weisse O, 595 . . .	9.0	34 49.67	60.2	3	3.083	+ 3 0 49.6	58.8	2	19.83
340	Anonymous . . .	. .	34 51.	. .	.	3.079	+ 2 4 33.3	69.5	2	19.82
341	Anonymous . . .	9.0	0 34 53.04	65.7	1	+ 3.082	+ 2 52	. .	.	+ 19.82
342	Anonymous . . .	9.2	34 53.62	68.7	5	3.080	+ 2 10 0.4	68.9	2	19.82
343	Anonymous . . .	8.8	34 55.34	69.9	2	3.108	+ 10 3 3.6	69.9	2	19.82
344	Weisse O, 601 . . .	9.0*	35 0.15	58.8	2	3.058	— 3 49 9.7	57.8	2	19.82
345	Anonymous . . .	8.8	35 7.22	69.8	2	3.086	+ 3 58 48.8	70.8	3	19.82
346	Anonymous . . .	8.5	0 35 7.78	65.3	2	+ 3.049	— 6 23 53.9	66.9	2	+ 19.82
347	Lalande 1123 . . .	8.6	35 29.69	62.9	7	3.076	+ 0 55 41.8	63.5	6	19.82
348	Weisse O, 608 . . .	8.5	35 31.62	60.2	4	3.083	+ 3 1 24.5	58.8	3	19.82
349	O. Arg. S. 369 . . .	7.6	35 42.21	64.9	3	2.992	— 20 57 43.0	66.8	2	19.81
350	Lacaille 181. . . .	6.4	35 50.66	63.2	4	2.916	— 36 47 26.0	68.2	3	19.81

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			h. m. s.			″	° ′ ″			″
351	λ^1 Sculptoris	5.0*	0 35 58.	. .	.	+ 2.901	− 39 13 53.1	64.8	2	+ 19.81
352	Weisse O, 616 . . .	8.0	36 2.54	65.3	2	3.093	+ 5 48 9.7	67.8	2	19.81
353	Weisse O, 620 . . .	8.4	36 17.58	65.2	2	3.092	+ 5 23 14.8	67.9	2	19.81
354	21 Cassiopeæ	4.7	36 28.10	63.3	5	3.822	+ 74 13 18.8	62.3	6	19.80
355	β Ceti	2.0*	36 33.59	60.2	138	3.000	− 18 45 20.7	53.1	37	19.80
356	B. A. C. 197. . . .	6.5*	0 36 40.57	60.7	2	+ 3.301	+ 47 5 45.9	53.8	3	+ 19.80
357	Weisse O, 635 . . .	8.2	37 5.29	60.5	3	3.098	+ 7 0 21.6	55.6	3	19.79
358	Weisse O, 638 . . .	9.0	37 11.72	60.4	2	3.099	+ 7 3 33.8	55.9	2	19.79
359	Weisse O, 641 . . .	8.1	37 23.42	65.3	2	3.048	− 6 23 35.4	60.9	3	19.79
360	Weisse O, 642 . . .	7.0	37 25.04	68.8	2	3.017	− 14 10 54.0	64.4	2	19.79
361	λ^2 Sculptoris	5.2	0 37 25.69	68.8	2	+ 2.895	− 39 11 36.6	64.8	2	+ 19.79
362	O. Arg. S. 388 . . .	7.7	37 30.01	63.8	3	2.960	− 27 17 15.6	69.9	2	19.79
363	Anonymous . . .	7.7	37 43.17	65.8	50	3.081	+ 2 26 3.5	65.8	46	19.79
364	B. A. C. 203. . . .	6.2	37 48.57	63.6	4	2.980	− 22 46 35.5	68.4	2	19.78
365	Weisse O, 647 . . .	8.0	37 51.52	59.3	2	3.089	+ 4 24 53.0	55.5	3	19.78
366	Weisse O, 649 . . .	8.0*	0 37 54.30	70.9	2	+ 3.076	+ 1 2 22.7	70.9	2	+ 19.78
367	Lacaille 194. . . .	6.7	37 55.88	63.7	4	2.934	− 32 9 21.1	68.4	2	19.78
368	Weisse O, 658 . . .	8.8	38 25.65	63.2	3	3.076	+ 0 56 32.8	67.0	2	19.78
369	Weisse O, 657 . . .	8.0	38 25.66	59.9	2	3.100	+ 7 4 41.5	55.6	3	19.78
370	18 Ceti	5.2	38 26.77	62.1	3	3.018	− 13 38 24.2	68.9	2	19.78
371	23 Cassiopeæ	5.5	0 38 29.30	66.9	3	+ 3.855	+ 74 4 54.0	66.9	2	+ 19.77
372	Anonymous	. .	38 35.	. .	.	3.064	− 1 57 7.5	57.4	2	19.77
373	Weisse O, 664 . . .	9.0*	38 45.96	46.8	1	3.066	− 1 34 10.3	68.4	2	19.77
374	Weisse O, 665 . . .	8.3	38 50.04	66.9	2	3.090	+ 4 30 50.5	68.8	2	19.77
375	Anonymous . . .	8.2	38 59.08	68.9	2	3.047	− 6 24 39.1	67.9	2	19.77
376	Lacaille 203. . . .	6.5	0 39 14.24	63.1	3	+ 2.974	− 23 17 17.6	67.4	2	+ 19.76
377	Weisse O, 674 . . .	9.0*	39 24.41	46.8	2	3.066	− 1 36 4.1	68.4	2	19.76
378	Anonymous . . .	. .	39 26.12	65.7	1	3.081	+ 2 16	. .	.	19.76
379	Anonymous . . .	9.0	39 30.86	69.8	2	3.112	+ 9 48 35.5	69.8	2	19.76
380	Weisse O, 677 . . .	8.0*	39 33.05	70.9	2	3.051	− 5 10 59.0	70.9	2	19.76
381	Weisse O, 678 . . .	8.2	0 39 34.66	68.8	2	+ 3.078	+ 1 35 30.1	57.9	3	+ 19.76
382	Weisse O, 680 . . .	9.0*	39 38.40	58.8	2	3.102	+ 7 32 30.3	56.4	2	19.76
383	58 Piscium	5.5	39 43.47	65.0	2	3.118	+ 11 12 35.8	68.9	1	19.76
384	Lacaille 210. . . .	6.6	39 48.00	64.1	3	2.933	− 30 57 23.4	67.8	2	19.75
385	ζ Andromedæ . . .	4.0*	39 55.38	62.0	2	3.173	+ 23 30 17.0	58.0	2	19.75
386	Weisse O, 687 . . .	9.0*	0 40 2.24	58.8	2	+ 3.064	− 1 55 15.4	65.6	3	+ 19.75
387	60 Piscium	6.1	40 9.34	62.9	7	3.096	+ 5 58 34.4	61.3	8	19.75
388	Weisse O, 694 . . .	9.0	40 27.14	65.8	5	3.081	+ 2 13 44.9	68.3	2	19.74
389	61 Piscium	6.0	40 29.63	65.3	2	3.158	+ 20 9 34.7	70.9	3	19.74
390	Lalande 1281 . . .	8.0	40 33.31	68.8	2	3.236	+ 34 58 24.1	48.9	1	19.74

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			h. m. s.			"	° ′ ″			"
391	Anonymous . . .	9.1	0 40 34.48	65.7	4	+ 3.081	+ 2 8 19.7	68.3	2	+ 19.74
392	η^1 Cassiopeæ	3.7	40 38.26	54.5	4	3.436	+ 57 4 15.2	67.9	2	19.74
393	O. Arg. S. 423 . . .	6.0	40 44.47	65.8	4	2.991	− 18 49 39.4	65.8	3	19.74
394	Lacaille 216 . . .	7.0	40 49.72	66.8	2	2.889	− 37 41 33.7	68.3	2	19.74
395	Lacaille 217 . . .	6.4	40 53.10	63.7	3	2.923	− 32 7 4.1	67.5	2	19.74
396	ν Cassiopeæ	5.0*	0 40 55.03	60.4	2	+ 3.358	+ 50 12 13.1	53.8	3	+ 19.74
397	Weisse O, 704 . . .	8.0	40 55.15	65.3	2	3.107	+ 8 27 24.8	67.4	2	19.74
398	Weisse O, 706 . . .	9.0	40 58.26	65.4	2	3.086	+ 3 18 56.9	64.4	2	19.74
399	B. A. C. 221 . . .	6.4	41 2.59	62.5	5	3.091	+ 4 33 35.1	61.6	12	19.74
400	Lacaille 218. . . .	5.8	41 5.23	62.9	7	2.973	− 22 29 13.8	69.3	2	19.73
401	Lacaille 219. . . .	7.1	0 41 6.40	63.8	3	+ 2.934	− 30 6 34.8	68.4	2	+ 19.73
402	Groombridge 148 . .	7.0*	41 7.63	65.4	2	3.728	+ 70 0 37.9	70.8	2	19.73
403	Weisse O, 711 . . .	9.0	41 8.68	59.2	3	3.086	+ 3 22 43.1	57.0	2	19.73
404	Weisse O, 712 . . .	8.0	41 10.44	55.2	3	3.067	− 1 15 10.5	51.2	6	19.73
405	δ Piscium	4.5	41 25.29	63.4	25	3.101	+ 6 49 21.5	62.4	22	19.73
406	O. Arg. S. 428 . . .	8.0	0 41 32.84	67.3	2	+ 3.005	− 15 30 53.2	69.3	2	+ 19.73
407	B. A. C. 224. . . .	6.0*	41 39.54	58.8	2	3.200	+ 27 57 20.7	53.9	2	19.73
408	Lacaille 220. . . .	7.0*	41 50.	. .	.	2.936	− 29 15 29.8	64.2	3	19.72
409	O. Arg. S. 435 . . .	8.5*	41 51.	. .	.	2.959	− 24 54 26.1	68.4	2	19.72
410	Anonymous . . .	9.0	42 2.17	68.8	2	3.079	+ 1 31 18.1	57.9	2	19.72
411	ν Andromedæ . . .	4.0*	0 42 6.09	45.7	1	+ 3.279	+ 40 18 56.4	70.3	3	+ 19.72
412	Anonymous. . . .	8.9	42 14.31	65.7	7	3.085	+ 2 57 44.7	67.8	1	19.72
413	Weisse O, 724 . . .	9.0*	42 19.12	65.8	1	3.103	+ 7 11 27.4	68.8	2	19.72
414	Lamont 223. . . .	6.0	42 19.80	66.4	2	2.958	− 24 53 55.4	66.9	2	19.72
415	Weisse O, 726 . . .	9.0	42 20.15	63.7	4	3.090	+ 4 9 49.2	61.4	2	19.72
416	i Piscium, (1st *). . .	6.5	0 42 22.38	69.8	5	+ 3.197	+ 26 56 51.1	70.6	3	+ 19.71
417	i Piscium, (2d *) . . .	6.5	42 22.68	69.8	5	3.197	+ 26 56 49.1	70.6	3	19.71
418	B. A. C. 230. . . .	6.0	42 23.64	62.4	2	3.009	− 14 19 17.3	64.9	2	19.71
419	O. Arg. S. 442 . . .	7.3	42 27.60	64.8	2	2.962	− 23 58 51.2	67.3	2	19.71
420	O. Arg. S. 443 . . .	8.5*	42 28.	. .	.	2.962	− 24 5 33.4	66.8	2	19.71
421	(* 138) Washington .	8.8	0 42 31.23	68.9	2	+ 3.087	+ 3 31 15.5	63.9	4	+ 19.71
422	Rumker, N. F., 329 .	8.8	42 36.45	65.7	3	3.116	+ 9 59 29.9	67.7	2	19.71
423	Lacaille 224 . . .	6.1	42 39.70	63.5	9	2.961	− 24 7 31.2	66.8	2	19.71
424	Weisse O.732 . . .	7.0	42 44.85	59.9	2	3.068	− 0 59 15.8	55.9	3	19.71
425	Weisse O, 233 . . .	8.0	42 48.67	65.0	5	3.102	+ 6 54 15.5	69.4	2	19.71
426	O. Arg. S. 452 . . .	7.3	0 43 7.06	67.4	3	+ 2.956	− 24 52 58.1	66.9	2	+ 19.70
427	ϕ^2 Ceti	5.5*	43 7.23	45.7	2	3.022	− 11 23 55.3	54.8	3	19.70
428	Weisse O, 742 . . .	8.2	43 14.27	63.8	6	3.100	+ 6 20 43.3	57.3	3	19.70
429	Weisse O, 749 . . .	7.9	43 39.72	64.5	3	3.104	+ 7 17 4.2	67.9	2	19.70
430	Lalande 1390 . . .	7.6	43 41.09	68.8	2	3.258	+ 36 16 14.0	48.9	1	19.70

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431	Rumker, N. F., 340 .	7.3	0 43 52.73	65.8	2	+ 3.081	+ 1 59 0.2	57.9	3	+ 19.70
432	B. A. C. 237. . . .	6.0	44 5.89	63.7	2	3.084	+ 2 37 30.1	60.0	6	19.69
433	Weisse O, 762 . . .	8.1	44 6.97	61.9	3	3.066	− 1 17 52.1	69.0	2	19.69
434	Anonymous. . . .	9.0	44 16.49	62.9	1	3.079	+ 1 37 49.1	67.9	1	19.68
435	Weisse O, 770 . . .	9.2	44 24.72	64.2	6	3.087	+ 3 15 37.4	67.9	2	19.68
436	Weisse O, 772 . . .	7.7	0 44 28.62	69.3	2	+ 3.066	− 1 14 56.7	57.8	2	+ 19.68
437	Weisse O, 775 . . .	8.1	44 43.03	62.9	12	3.087	+ 3 17 53.5	61.5	5	19.68
438	Lacaille 234. . . .	6.8	44 43.10	66.3	2	2.860	− 39 17 26.9	68.5	3	19.68
439	B. A. C. 239. . . .	5.5*	44 44.49	60.4	2	3.528	+ 60 21 18.8	53.9	2	19.68
440	Rumker, N. F., 354 .	8.6	44 49.82	65.7	3	3.117	+ 9 50 24.7	66.8	2	19.67
441	Lalande 1443 . . .	5.8	0 45 11.54	68.8	2	+ 3.275	+ 37 47 15.6	48.9	1	+ 19.67
442	Lalande 1444 . . .	7.5	45 16.56	69.9	2	3.279	+ 38 16 31.1	47.9	1	19.66
443	Weisse O, 786 . . .	9.0	45 24.26	65.6	2	3.119	+ 10 9 10.2	68.3	2	19.66
444	Weisse O, 787 . . .	9.0	45 26.00	65.9	3	3.099	+ 5 54 15.0	67.9	2	19.66
445	Weisse O, 788 . . .	8.6	45 27.86	64.0	4	3.104	+ 6 56 26.6	69.4	2	19.66
446	Weisse (2) 1167. . .	6.5	0 45 34.24	68.8	2	+ 3.222	+ 29 35 15.5	57.3	2	+ 19.66
447	Weisse (2) 1172. . .	6.2	45 47.60	68.8	2	3.270	+ 36 39 31.8	46.9	2	19.66
448	Lacaille 238. . . .	6.5*	45 48.20	61.9	2	2.950	− 24 46 7.0	70.8	2	19.66
449	20 Ceti	4.9	45 51.20	58.9	10	3.063	− 1 54 18.6	62.2	38	19.66
450	Weisse 800, (1st *) .	9.0	46 5.71	65.9	3	3.092	+ 4 14 39.2	67.5	3	19.65
451	Weisse 800, (2d *) . .	9.5	0 46 5.83	65.9	1	+ 3.092	+ 4 14 39.2	67.5	3	+ 19.65
452	B. A. C. 243 . . .	7.0	46 7.01	61.3	6	3.088	+ 3 19 34.2	58.8	3	19.65
453	Lacaille 239. . . .	6.1	46 8.15	63.6	3	2.911	− 31 7 13.9	67.4	2	19.65
454	Weisse O, 801 . . .	8.7	46 13.07	68.9	2	3.112	+ 8 33 1.0	63.3	2	19.65
455	Anonymous . . .	9.0	46 13.52	65.4	2	3.065	− 1 32 8.5	68.4	2	19.65
456	Weisse O, 802 . . .	8.2	0 46 16.00	68.9	2	+ 3.084	+ 2 32 31.5	57.8	2	+ 19.65
457	Lacaille 241, (1st *) .	6.4	46 20.11	64.2	8	2.944	− 25 32 22.0	66.6	6	19.65
458	Lacaille 241, (2d *) .	8.5	46 20.31	64.6	1	2.944	− 25 32 16.5	70.0	1	19.65
459	Weisse O, 804 . . .	8.8	46 21.17	65.9	4	3.097	+ 5 13 32.5	67.9	3	19.65
460	Weisse O, 806 . . .	8.8	46 27.57	63.4	5	3.077	+ 1 8 56.9	60.0	5	19.65
461	B. A. C. 240 . . .	6.0*	0 46 29.45	62.0	16	+11.993	+ 88 16 12.1	68.4	2	+ 19.65
462	Weisse O, 807 . . .	8.5	46 32.36	65.3	4	3.121	+ 10 21 43.7	65.8	2	19.64
463	Lalande 1492 . . .	7.2	46 33.50	69.5	3	3.285	+ 38 18 26.0	47.9	3	19.64
464	Weisse O, 808 . . .	8.0	46 34.14	66.3	2	3.103	+ 6 30 54.4	56.3	3	19.64
465	υ^1 Cassiopeæ	5.5*	46 43.00	59.8	3	3.509	+ 58 12 49.5	54.4	5	19.64
466	Anonymous . . .	9.0	0 46 48.26	64.8	4	+ 3.078	+ 1 16 19.9	70.8	2	+ 19.64
467	Lalande 1504 . . .	8.5	46 54.11	69.8	1	3.288	+ 38 24 33.7	47.9	1	19.65
468	O. Arg. S. 492 . . .	9.1	47 2.14	65.8	5	2.979	− 18 45 44.1	65.8	2	19.63
469	Weisse O, 815 . . .	8.7	47 4.42	59.9	3	3.061	− 2 15 45.8	55.9	5	19.63
470	O. Arg. S. 498 . . .	8.8	47 11.22	65.8	5	2.979	− 18 47 18.0	65.8	2	19.63

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			h. m. s.			″	° ′ ″			″
471	21 Ceti	5.5	0 47 13.83	64.9	2	+ 3.026	— 9 29 56.9	67.8	2	+ 19.63
472	B. A. C. 249. . . .	7.5	47 19.70	66.7	2	2.893	— 33 5 42.9	67.4	2	19.63
473	Anonymous . . .	8.8	47 40.48	68.8	2	3.061	— 2 18 59.9	57.4	2	19.62
474	Weisse O, 829 . . .	8.0	48 4.16	55.9	4	3.102	+ 6 5 39.6	66.3	4	19.62
475	Anonymous . . .	9.5	48 7.97	66.3	2	3.080	+ 1 32	. .	.	19.62
476	O. Arg. S. 506 . . .	7.4	0 48 15.75	64.4	4	+ 2.983	— 17 43 26.5	67.8	2	+ 19.61
477	γ Cassiopeæ	3.0*	48 17.29	62.5	1	3.556	+ 59 57 27.0	67.0	2	19.61
478	Anonymous . . .	9.0	48 18.10	66.3	2	3.080	+ 1 32 12.6	62.4	4	19.61
479	Anonymous . . .	9.5	48 23.96	65.4	2	3.064	— 1 33 12.2	70.8	1	19.61
480	Lacaille 252. . . .	6.5	48 31.62	62.4	5	2.938	— 25 25 9.7	65.4	2	19.61
481	Weisse O, 836 . . .	8.0	0 48 34.79	65.8	4	+ 3.049	— 4 45 8.6	65.8	3	+ 19.61
482	Weisse O, 820 . . .	8.7	48 37.16	61.9	3	3.064	— 1 33 13.7	64.6	4	19.61
483	Weisse O, 845 . . .	7.3	48 54.74	65.5	4	3.060	— 4 29 48.0	65.8	3	19.60
484	μ Andromedæ . . .	4.0*	48 59.64	69.2	3	3.292	+ 37 44 20.5	46.1	17	19.60
485	ϕ^3 Ceti	6.0*	49 0.28	60.4	2	3.012	— 12 1 31.8	60.9	2	19.60
486	Lacaille 256. . . .	6.8	0 49 8.00	63.2	3	+ 2.917	— 28 32 6.8	64.8	2	+ 19.60
487	Anonymous . . .	8.2	49 17.06	68.8	2	2.926	— 27 6 26.9	67.0	2	19.60
488	B. A. C. 263. . . .	6.5	49 43.03	68.9	2	3.214	+ 26 14 28.3	53.9	3	19.59
489	η Andromedæ . . .	5.0*	49 44.17	46.0	4	3.192	+ 22 39 37.6	68.4	2	19.59
490	Anonymous . . .	9.0	49 58.53	61.4	2	3.082	+ 2 1 5.9	69.0	2	19.58
491	Lacaille 257. . . .	6.7	0 49 59.34	64.0	4	+ 2.931	— 26 7 20.8	68.3	2	+ 19.58
492	2 Ursæ Minoris . . .	5.0*	50 16.65	62.3	3	6.772	+ 85 30 12.7	67.9	2	19.58
493	Lalande 1627 . . .	7.4	50 19.13	68.8	2	3.289	+ 36 44 30.9	47.8	4	19.58
494	Lalande 1629 . . .	6.0	50 23.91	68.9	2	3.306	+ 38 43 8.7	48.8	1	19.58
495	Weisse O, 871 . . .	8.0	50 30.10	63.5	10	3.077	+ 1 20 8.9	62.8	6	19.57
496	B. A. C. 269. . . .	6.5*	0 50 34.03	55.1	7	+ 3.139	+ 12 56 17.8	69.4	2	+ 19.57
497	Weisse O, 878 . . .	8.5*	50 42.05	68.4	4	3.107	+ 6 51 13.8	66.8	3	19.57
498	Anonymous . . .	7.8	50 46.91	68.9	2	3.081	+ 1 43 44.5	57.9	2	19.58
499	Anonymous . . .	9.5	51 11.98	61.0	1	3.082	+ 1 50 45.6	68.9	2	19.56
500	O. Arg. S. 542 . . .	7.8	51 29.61	64.4	7	2.915	— 27 50 57.2	68.9	2	19.55
501	Weisse O, 891 . . .	9.0	0 51 42.82	65.9	6	+ 3.108	+ 6 57 46.8	66.6	4	+ 19.55
502	ϕ^4 Ceti	6.0*	51 43.22	59.9	1	3.008	— 12 8 11.4	54.8	3	19.55
503	O. Arg. S. 544 . . .	7.2	51 49.41	64.9	4	2.961	— 20 23 21.2	67.3	2	19.55
504	Weisse O, 893 . . .	8.8	51 50.08	63.7	6	3.082	+ 1 54 9.3	56.4	4	19.55
505	α Sculptoris	4.6	51 51.44	63.3	10	2.898	— 30 6 53.2	68.4	2	19.54
506	Weisse O, 902 . . .	8.6	0 52 12.54	68.9	2	+ 3.084	+ 2 19 38.4	58.0	2	+ 19.54
507	Rumker, N. F., 451 .	8.2	52 25.44	68.9	2	3.089	+ 3 13 17.6	57.8	2	19.53
508	Weisse O, 908 . . .	8.7	52 26.42	59.9	2	3.061	— 2 4 58.2	54.9	2	19.53
509	B. A. C. 274. . . .	6.5*	52 34.40	45.8	2	3.102	+ 5 43 40.3	68.5	2	19.53
510	Lalande 1702 . . .	6.5	52 36.93	69.2	3	3.284	+ 34 56 6.3	47.9	1	19.53

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			h. m. s.			″	° ′ ″			″
511	Weisse O, 912 . . .	7.7	0 52 40.68	68.8	3	+ 3.086	+ 2 32 49.4	58.0	2	+ 19.53
512	B. A. C. 277. . . .	7.0*	52 46.91	62.9	2	2.855	− 35 23 36.0	61.8	3	19.53
513	Weisse O, 918 . . .	8.0	52 53.77	66.3	3	3.082	+ 1 52 38.1	56.0	2	19.52
514	Weisse O, 917 . . .	9.0	52 53.96	67.7	2	3.094	+ 4 8 21.1	68.4	2	19.52
515	Lalande 1737 . . .	8.0	53 23.98	64.4	5	3.119	+ 8 43 52.7	67.4	2	19.51
516	Weisse O, 925 . . .	9.0	0 53 26.01	65.9	4	+ 3.115	+ 7 56 48.3	61.6	6	+ 19.51
517	Weisse O, 928 . . .	7.3	53 36.50	65.7	7	3.094	+ 4 4 44.9	60.2	3	19.51
518	O. Arg. S. 569 . . .	6.9	53 45.27	68.8	2	2.917	− 26 30 10.2	63.9	2	19.51
519	Weisse O, 931 . . .	8.7	53 47.47	65.9	4	3.116	+ 8 1 3.5	61.9	2	19.51
520	Piazzi O, 256 . . .	8.0	53 55.51	65.9	2	3.112	+ 7 16 49.0	65.8	2	19.51
521	Weisse O, 935 . . .	8.0	0 53 55.59	65.8	4	+ 3.042	− 5 24 4.0	65.8	3	+ 19.51
522	Weisse O, 944 . . .	7.8	54 24.73	64.4	3	3.122	+ 8 59 23.4	56.9	2	19.49
523	Weisse O, 946 . . .	9.1	54 29.84	64.5	3	3.121	+ 8 51 1.5	62.9	2	19.49
524	Weisse O, 950 . . .	7.8	54 38.37	68.9	2	3.124	+ 9 20 8.3	55.9	2	19.49
525	Lacaille 276. . . .	7.2	54 43.06	63.8	2	2.858	34 6 57.4	66.9	2	19.49
326	Lacaille 277. . . .	5.3	0 54 45.55	69.3	2	+ 2.810	− 39 40 23.7	65.9	2	+ 19.49
527	70 Piscium	7.1	54 50.22	64.4	9	3.112	+ 7 11 5.6	57.9	5	19.49
528	B. A. C. 284. . . .	5.5	55 1.97	68.8	2	2.815	− 38 57 57.4	53.9	2	19.48
529	B. A. C. 286. . . .	6.5	55 12.52	64.8	4	3.117	+ 8 4 5.8	60.9	3	19.48
530	Santini 58	6.8	55 24.38	64.7	6	3.119	+ 8 22 50.3	58.6	10	19.47
531	Anonymous . . .	8.0	0 55 25.84	69.4	2	+ 3.092	+ 3 39 45.0	57.8	2	+ 19.47
532	Weisse O, 969 . . .	8.8	55 32.46	69.3	2	3.080	+ 1 28 29.3	67.8	2	19.47
533	ε Piscium	4.4	55 40.77	64.9	111	3.112	+ 7 8 8.0	60.8	18	19.47
534	Weisse O, 973 . . .	9.0	55 43.46	63.2	3	3.081	+ 1 35 32.5	67.0	1	19.47
535	Weisse O, 972 . . .	9.0	55 45.01	68.9	2	3.125	+ 9 20 9.1	55.9	2	19.47
536	σ Sculptoris	5.3	0 55 45.36	63.0	2	+ 2.868	− 32 18 24.2	67.8	3	+ 19.47
537	25 Ceti	5.5	55 57.70	67.3	2	3.040	− 5 35 8.9	65.8	3	19.46
538	Radcliffe 316 . . .	8.0	55 57.79	65.9	2	3.574	+ 57 13 41.8	67.6	3	19.46
539	Radcliffe 317 . . .	9.0	56 0.48	65.9	2	3.574	+ 57 11 14.5	67.6	3	19.46
540	B. A. C. 290. . . .	6.0	56 1.91	68.8	2	3.509	+ 53 27 14.7	53.9	3	19.46
541	Radcliffe 319 . . .	8.5	0 56 6.80	65.8	2	+ 3.577	+ 57 17 9.7	68.9	2	+ 19.46
542	Anonymous . . .	9.0	56 8.16	69.9	4	2.923	− 24 38 9.0	69.0	1	19.46
543	Weisse O, 979 . . .	7.0	56 13.08	68.8	2	3.086	+ 2 30 10.5	58.0	3	19.46
544	Weisse O, 980 . . .	9.0	56 14.85	68.9	1	3.126	+ 9 21 25.1	55.9	4	19.46
545	O. Arg. S. 592 . . .	8.0	56 23.53	64.8	2	2.927	− 23 55 56.5	68.8	2	19.46
546	O. Arg. S. 596 . . .	8.0*	0 56 34.03	69.8	2	+ 2.894	− 28 37 58.7	66.3	2	+ 19.45
547	B. A. C. 296 . . .	6.5*	56 36.56	65.3	2	2.881	− 30 16 40.7	67.9	2	19.45
548	26 Ceti	6.0	56 36.84	63.6	3	3.076	+ 0 36 56.9	62.9	34	19.45
549	Anonymous . . .	. .	56 43.	. .	.	2.923	− 24 33 48.9	63.9	1	19.44
550	Weisse O, 989 . . .	8.2	56 43.43	70.0	2	3.157	+ 14 28 31.3	70.0	2	19.44

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			h. m. s.			"	° ′ ″			"
551	Lacaille 290. . . .	6.8	0 56 44.50	69.7	2	+ 2.861	− 32 49 53.5	64.4	2	+ 19.44
552	Weisse O, 997 . . .	8.0	57 20.12	65.9	4	3.123	+ 8 50 3.4	62.0	4	19.43
553	Weisse O, 1002. . .	6.0	57 31.63	68.9	2	3.081	+ 1 33 48.1	66.8	3	19.43
554	Anonymous . . .	7.6	57 42.10	68.9	2	3.114	+ 7 8 39.8	65.9	3	19.43
555	B. A. C. 306. . . .	6.2	57 55.98	63.2	3	2.844	− 34 17 3.5	69.9	4	19.42
556	Weisse O, 1013. . .	8.0*	0 58 6.80	59.3	2	+ 3.117	+ 7 34 54.2	56.9	2	+ 19.41
557	Anonymous . . .	8.5	58 15.65	67.8	2	3.130	+ 9 47 8.8	67.9	2	19.41
558	Weisse O, 1023. . .	8.8	58 31.26	63.1	5	3.082	+ 1 43 34.4	62.9	5	19.41
559	77 Piscium	5.5	58 34.74	59.3	3	3.097	+ 4 9 43.3	57.8	3	19.40
560	B. A. C. 312. . . .	6.0	58 36.94	59.3	3	3.097	+ 4 9 47.3	57.8	3	19.40
561	O. Arg. S. 613 . . .	7.2	0 58 43.12	68.8	2	+ 2.884	− 29 4 19.3	64.4	2	+ 19.40
562	Lacaille 301. . . .	7.7	58 50.28	63.5	3	2.894	− 27 42 12.9	66.9	2	19.40
563	Weisse O, 1028. . .	7.2	58 52.69	68.8	2	3.087	+ 2 31 30.6	66.4	4	19.40
564	Weisse O, 1031. . .	8.8	58 55.64	63.8	8	3.083	+ 1 52 55.7	62.9	5	19.40
565	μ Cassiopeæ	5.5*	59 2.80	69.9	2	3.545	+ 54 13 40.2	69.4	2	19.40
566	28 Ceti	5.0	0 59 3.64	57.2	4	+ 3.008	− 10 35 24.8	68.0	2	+ 19.39
567	O. Arg. S. 621 . . .	9.0	59 4.40	63.8	1	2.895	− 27 24 44.2	67.9	2	19.39
568	Weisse O, 1033. . .	9.0	59 5.46	60.2	3	3.066	− 1 0 57.4	54.9	3	19.39
569	Weisse O, 1034. . .	9.5	59 7.81	65.9	5	3.127	+ 9 9 56.1	65.8	2	19.39
570	O. Arg. S. 623 . . .	8.5*	59 11.63	64.3	4	2.894	− 27 28 44.5	67.9	2	19.39
571	Weisse O, 1041. . .	8.5	0 59 15.82	65.6	5	+ 3.063	− 1 29 52.7	65.8	2	+ 19.39
572	Lacaille 303. . . .	6.0	59 20.67	66.5	3	2.914	− 24 44 30.1	66.5	3	19.39
573	Weisse O, 1043. . .	6.8	59 20.78	64.3	2	3.118	+ 7 36 40.5	56.9	2	19.39
574	Lacaille 310. . . .	6.0	59 25.16	70.3	4	2.914	− 24 44 41.5	67.2	3	19.39
575	Weisse (2) O, 1490. .	7.3	59 32.84	69.0	2	3.333	+ 37 16 45.0	46.9	1	19.38
576	Weisse O, 1048. . .	9.0	0 59 39.39	68.8	2	+ 3.090	+ 3 3 42.0	58.0	3	+ 19.38
577	B. A. C. 319. . . .	6.0	59 52.58	64.1	3	2.817	− 36 24 37.4	69.1	3	19.38
578	Weisse O, 1054. . .	8.9	0 59 55.42	65.7	3	3.064	− 1 20 23.8	65.8	2	19.37
579	O. Arg. S. 636 . . .	7.0	1 0 25.14	64.3	4	2.905	− 25 36 16.3	67.4	2	19.36
580	O. Arg. S. 635 . . .	6.0	0 25.17	68.3	6	2.912	− 24 44 40.6	69.5	5	19.36
581	ψ^2 Piscium	7.3	1 0 26.92	57.5	4	+ 3.199	+ 19 59 34.5	68.4	2	+ 19.36
582	Lalande 1966 . . .	9.0*	0 46.19	70.9	2	3.697	+ 60 47 47.4	70.9	3	19.36
583	29 Ceti	7.0	0 46.66	63.0	2	3.080	+ 1 15 37.1	62.8	10	19.36
584	O. Arg. S. 644 . . .	7.0	0 55.09	68.8	2	2.883	− 28 28 17.1	66.8	2	19.35
585	Santini 64	6.3	1 2.76	65.9	3	3.129	+ 9 9 36.1	65.8	2	19.35
586	Weisse O, 1076. . .	8.5	1 1 3.49	61.5	3	+ 3.135	+ 10 6 35.3	59.9	3	+ 19.35
587	Weisse O, 1078. . .	9.0	1 8.36	64.3	2	3.126	+ 8 38 8.0	65.6	3	19.35
588	e Piscium	5.3	1 9.56	61.2	33	3.102	+ 4 54 29.5	62.2	22	19.35
589	Weisse O, 1079. . .	9.2	1 11.05	61.5	3	3.135	+ 10 8 41.3	59.9	3	19.35
590	Rumker, N. F., 538 .	8.5	1 32.59	69.8	2	3.094	+ 3 41 1.5	58.5	2	19.33

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			h. m. s.			"	° ′ ″			"
591	η Ceti	4.0	1 1 32.86	60.2	5	+ 3.004	− 10 55 31.3	69.9	2	+ 19.34
592	Weisse O, 1085. . .	6.5	1 36.73	64.3	2	3.128	+ 8 58 58.9	59.9	3	19.34
593	Anonymous . . .	9.0	1 49.39	65.7	2	3.147	+ 11 56 40.6	67.9	2	19.33
594	Lalande 2027 . . .	6.5	1 53.55	68.9	2	3.344	+ 37 22 38.2	47.7	1	19.33
595	β Andromedæ . . .	2.0*	1 54.24	59.0	3	3.321	+ 34 52 38.6	56.4	4	19.33
596	Anonymous . . .	9.5	1 1 59.75	64.3	5	+ 3.085	+ 2 1 40.1	68.3	2	+ 19.33
597	θ Cassiopeæ	4.5*	2 35.65	45.8	2	3.576	+ 54 24 15.5	69.4	2	19.31
598	Weisse I, 13 . . .	9.0	2 38.82	65.7	4	3.148	+ 11 55 35.7	67.8	3	19.31
599	B. A.C. 341. . . .	7.0	2 46.45	45.7	2	3.168	+ 14 55 39.5	69.9	2	19.31
600	Weisse I, 15 . . .	8.5	2 49.67	68.8	2	3.087	+ 2 20 3.0	65.8	2	19.31
601	Weisse I, 20 . . .	9.3	1 3 1.06	64.6	8	+ 3.086	+ 2 15 15.4	66.4	2	+ 19.30
602	Weisse I, 22 . . .	8.3	3 14.88	65.8	2	3.139	+ 10 24 4.9	65.9	3	19.30
603	45 Andromedæ . . .	4.8	3 18.76	69.2	2	3.346	+ 36 58 41.4	47.9	2	19.30
604	O. Arg. S. 665 . . .	7.5	3 20.21	62.3	6	2.887	− 26 56 24.3	66.6	3	19.29
605	Lamont 187. . . .	9.0	3 47.53	65.4	2	3.061	− 1 44 19.3	54.9	2	19.28
606	χ Piscium.	4.8	1 3 56.01	63.0	4	+ 3.208	+ 20 17 20.9	69.4	2	+ 19.28
607	Weisse I, 40 . . .	9.0*	4 6.82	47.0	4	3.054	− 2 43 54.2	47.3	4	19.28
608	Weisse I, 39 . . .	6.7	4 9.06	65.9	6	3.134	+ 9 32 47.7	65.8	3	19.28
609	Weisse I, 42 . . .	8.4	4 13.68	65.6	2	3.148	+ 11 36 9.0	67.8	2	19.27
610	Weisse I, 55 . . .	7.1	4 58.05	65.8	4	3.148	+ 11 32 21.3	65.8	2	19.26
611	Anonymous . . .	8.5	1 5 4.28	65.6	3	+ 3.154	+ 12 17 40.3	67.3	2	+ 19.25
612	35 Ceti	6.5*	5 20.03	61.9	3	3.083	+ 1 43 51.1	65.9	2	19.25
613	Weisse I, 62 . . .	9.0	5 24.39	65.9	3	3.147	+ 11 14 52.7	65.8	2	19.25
614	Radcliffe 371 . . .	8.5	5 35.00	66.6	3	3.492	+ 48 2 37.5	67.9	2	19.24
615	Weisse I, 65 . . .	8.3	5 44.64	67.3	2	3.146	+ 11 0 19.2	68.4	2	19.24
616	Weisse I, 66 . . .	7.8	1 5 47.03	65.8	2	+ 3.145	+ 10 56 19.3	65.8	2	+ 19.24
617	Anonymous . . .	9.4	5 50.47	63.8	7	3.086	+ 2 11 5.3	62.8	5	19.23
618	Weisse I, 72 . . .	8.3	6 12.73	58.0	2	3.055	− 2 36 8.0	47.0	3	19.22
619	ζ Piscium, (1st *) . .	5.6	6 25.18	63.1	10	3.118	+ 6 50 3.4	58.1	5	19.22
620	Lacaille 329. . . .	7.0	6 25.83	62.7	3	2.789	− 36 29 25.0	67.9	2	19.22
621	Weisse I, 76 . . .	8.0	1 6 26.25	67.4	2	+ 3.139	+ 10 4 12.7	69.5	2	+ 19.22
622	ζ Piscium, (2d *). . .	6.7	6 26.60	64.3	6	3.118	+ 6 50 13.8	58.9	3	19.22
623	Weisse I, 88 . . .	7.0	6 56.82	47.0	1	3.053	− 2 51 25.7	68.4	2	19.21
624	Weisse I, 89 . . .	9.0	6 58.98	61.9	1	3.077	+ 0 45	. .	.	19.21
625	Weisse I, 91 . . .	8.0	7 6.55	47.0	1	3.052	− 2 55 20.0	67.9	2	19.20
626	88 Piscium.	6.0	1 7 25.57	69.2	3	+ 3.114	+ 6 15 13.8	55.9	2	+ 19.19
627	Rumker, N. F., 558 .	8.2	7 29.91	68.8	2	3.098	+ 3 51 15.5	59.0	3	19.19
628	Weisse I, 100 . . .	7.8	7 31.56	61.9	4	3.133	+ 8 59 59.5	59.9	7	19.19
629	O. Arg. S. 704 . . .	8.8	7 35.56	68.8	3	2.890	− 25 2 37.0	66.7	4	19.19
630	a^1 Ursæ Minoris . . .	9.5	7 36.48	63.2	3	18.523	+ 83 33 31.0	70.0	7	19.19

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			h. m. s.			"	° ′ ″			"
631	38 Ceti	7.0	1 7 40.45	55.4	5	+ 3.060	— 1 43 26.6	55.4	8	+ 19.19
632	Polaris	2.0*	8 3.	. .	.	18.667	+ 88 33 47.0	54.3	755	19.18
633	Weisse I, 113	7.0	8 27.47	61.9	3	3.135	+ 9 2 32.5	58.7	6	19.17
634	Schjellerup 402	9.2	9 3.82	63.0	2	3.088	+ 2 16 41.1	66.9	2	19.15
635	Anonymous	6.8	9 18.68	68.9	2	3.391	+ 38 44 26.6	45.9	5	19.15
636	Rumker, N. F., 572	. .	1 9 29.	. .	.	+ 3.102	+ 4 18 56.7	58.3	3	+ 19.14
637	39 Ceti	5.0	9 29.73	68.9	2	3.050	— 3 14 19.5	67.8	2	19.14
638	Anonymous	8.8	9 44.99	68.8	2	3.369	+ 36 40 45.6	46.9	1	19.15
639	40 Ceti	6.7	9 49.06	61.3	2	3.051	— 3 0 50.4	66.4	2	19.14
640	Weisse I, 138	7.0	9 57.82	65.5	2	3.081	+ 1 16 31.6	63.6	3	19.13
641	Weisse I, 139	7.8	1 10 4.90	68.9	2	+ 3.100	+ 3 55 32.5	58.0	2	+ 19.13
642	Weisse I, 144	8.0	10 18.35	69.9	1	3.164	+ 12 49 6.7	56.4	2	19.12
643	*f* Piscium	6.0	10 34.81	54.6	5	3.093	+ 2 52 35.4	65.3	2	19.11
644	41 Ceti	5.8	10 40.32	68.8	2	3.012	— 8 23 59.6	55.9	2	19.11
645	Lalande 2330	6.5	10 51.64	68.9	2	3.375	+ 36 38 53.7	47.4	5	19.09
646	Weisse I, 162	7.2	1 11 37.75	68.7	2	+ 3.101	+ 3 54 58.7	63.0	2	+ 19.08
647	Rumker, N. F., 585	7.5	11 48.97	68.8	2	3.103	+ 4 17 45.5	58.3	3	19.08
648	O. Arg. S. 752	7.5	11 54.77	69.7	2	2.839	— 29 28 16.1	66.3	2	19.08
649	B. A. C. 397	7.2	12 9.65	62.9	2	3.090	+ 2 33 12.5	62.8	5	19.07
650	Anonymous	9.1	12 19.68	69.8	2	3.092	+ 2 49 14.2	65.9	2	19.06
651	42 Ceti	6.0*	1 12 38.90	65.9	2	+ 3.063	— 1 14 43.0	55.4	3	+ 19.06
652	Weisse I, 188, (1st *)	9.2	12 49.75	69.7	2	3.169	+ 13 1 47.3	70.9	2	19.05
653	Weisse I, 188, (2d *)	9.0	12 50.27	68.5	3	3.169	+ 13 1 52.7	68.5	2	19.05
654	Weisse I, 197	8.7	13 7.42	61.9	5	3.085	+ 1 45 7.6	62.0	2	19.04
655	Lalande 2410	8.5	13 14.04	58.7	3	3.167	+ 12 43 55.7	67.7	2	19.04
656	Anonymous	9.0	1 13 21.40	67.2	2	+ 3.249	+ 22 47 47.6	69.4	2	+ 19.04
657	Anonymous	8.3	13 24.74	70.9	1	3.115	+ 5 53 8.0	70.9	1	19.04
658	Weisse I, 201	8.5	13 26.00	67.3	2	3.162	+ 12 7 35.0	65.8	3	19.04
659	Weisse I, 202	7.0	13 28.25	61.4	3	3.043	— 3 58 58.8	55.6	3	19.03
660	Weisse I, 206	7.5	13 44.28	62.0	4	3.057	— 2 2 46.9	55.9	6	19.03
661	Lacaille 362.	6.8	1 13 46.92	63.0	2	+ 2.830	— 29 43 19.1	67.0	2	+ 19.03
662	Weisse I, 208	9.5	13 53.30	67.4	2	3.156	+ 11 11 32.4	69.4	2	19.02
663	ξ Andromedæ	5.5	14 6.81	61.5	3	3.494	+ 44 47 38.1	68.0	2	19.02
664	Anonymous	9.1	14 39.88	69.2	3	3.063	— 1 14 8.9	53.8	2	19.00
665	Weisse I, 225	9.0*	14 40.66	47.0	3	3.052	— 2 43 53.0	46.9	4	19.00
666	Weisse I, 227	9.5	1 15 3.19	47.0	3	+ 3.052	— 2 37 50.0	68.9	1	+ 19.00
667	Weisse I, 229	8.7	15 4.59	62.9	4	3.093	+ 2 47 8.1	62.8	4	19.00
668	43 Ceti	6.2	15 25.36	65.2	6	3.063	— 1 10 58.1	62.8	11	18.98
669	Anonymous	9.1	15 29.57	65.8	2	3.115	+ 5 41 57.4	67.8	2	18.98
670	Anonymous	8.0	16 23.83	68.9	2	3.418	+ 38 17 37.7	45.9	1	18.96

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			h. m. s.			″	° ′ ″			″
671	Weisse I, 255 . . .	8.1	1 16 29.48	65.8	5	+ 3.116	+ 5 46 5.8	68.4	2	+ 18.95
672	δ Cassiopeæ	4.5	16 41.52	65.4	2	3.818	+ 59 30 22.2	65.4	2	18.94
673	B. A. C. 418. . . .	6.8	16 54.46	63.6	3	2.866	− 25 5 8.0	66.9	2	18.94
674	θ Ceti	3.5	17 1.59	56.5	230	3.003	− 8 54 23.4	53.5	37	18.93
675	Weisse I, 269 . . .	8.0	17 6.90	65.8	5	3.116	+ 5 45 12.0	65.4	2	18.93
676	Weisse I, 281 . . .	9.5	1 17 41.87	65.3	2	+ 3.020	− 6 43 49.3	67.8	2	+ 18.91
677	Weisse I, 280 . . .	5.0	17 41.96	68.8	2	3.044	− 3 34 42.2	55.6	6	18.91
678	Lalande 2559 . . .	7.0	17 45.45	69.8	4	3.391	+ 35 37 46.6	48.9	1	18.01
679	O. Arg. S. 818 . . .	7.1	17 49.23	68.9	2	2.823	− 29 13 51.3	64.5	3	18.91
680	Weisse I, 288 . . .	7.0	17 57.37	68.9	2	3.019	− 6 40 37.1	66.8	2	18.89
681	Weisse I, 299 . . .	8.0	1 18 35.95	61.8	3	+ 3.149	+ 9 48 37.7	55.0	2	+ 18.89
682	ρ Piscium	5.0*	18 42.79	61.9	6	3.222	+ 18 26 33.0	66.3	2	18.89
683	94 Piscium	5.8	19 8.36	65.8	2	3.224	+ 18 30 50.1	66.4	2	18.87
684	Lalande 2603 . . .	7.6	19 10.08	69.3	2	3.438	+ 38 55 42.2	49.0	1	18.87
685	Lalande 2612 . . .	8.4	19 15.61	67.9	3	3.063	− 1 10 24.9	68.4	2	18.87
686	Weisse I, 313 . . .	8.0	1 19 16.70	68.9	2	+ 3.153	+ 10 10 10.1	56.9	2	+ 18.87
687	B. A. C. 433 . . .	6.5	19 17.54	64.4	5	3.063	− 1 7 38.0	62.7	6	18.87
688	Weisse I, 330 . .	7.8	20 2.38	63.2	6	3.097	+ 3 4 46.1	62.7	5	18.85
689	Weisse I, 328 . . .	8.7	20 2.58	65.8	6	3.122	+ 6 14 6.9	65.8	3	18.85
690	Weisse I, 335 . . .	8.6	20 20.34	63.2	5	3.097	+ 3 9 4.2	62.7	5	18.84
691	Weisse I, 336 . . .	9.0	1 20 24.16	62.0	1	+ 3.137	+ 8 3 7.1	55.4	2	+ 18.83
692	(* 61) Washington . .	9.0	20 35.91	68.9	3	3.139	+ 8 18 13.9	55.9	2	18.85
693	Lacaille 403	6.0	20 41.18	63.0	2	2.875	− 23 3 46.1	67.4	2	18.83
694	A Cassiopeæ	5.0*	20 52.37	63.1	2	4.311	+ 69 32 31.0	64.0	9	18.82
695	B. A. C. 439. . . .	6.5	20 52.77	61.2	3	3.208	+ 18 21 12.0	67.9	1	18.82
696	B. A. C. 440. . . .	7.0	1 21 2.58	61.5	3	+ 3.131	+ 7 14 4.6	68.4	2	+ 18.82
697	Weisse I, 348 . . .	8.2	21 7.21	69.3	2	3.131	+ 7 13 56.0	68.4	2	18.81
698	Anonymous . . .	8.3	21 10.43	68.9	1	3.187	− 13 55 55.9	57.0	3	18.81
699	O. Arg. S. 850, (1st *) .	9.0	21 15.81	66.8	2	2.921	− 17 59	. .	.	18.81
700	O. Arg. S. 850, (2d *) .	8.0	21 16.66	65.8	3	2.921	− 17 59 19.3	67.5	2	18.81
701	Lacaille 407. . . .	6.5	1 21 17.02	63.3	3	+ 2.877	− 22 45 52.2	68.3	2	+ 18.81
702	Lacaille 408. . . .	7.5	21 26.13	64.6	3	2.826	− 27 50 19.4	68.3	2	18.80
703	96 Piscium	5.5	21 44.76	61.1	3	3.126	+ 6 34 12.3	68.5	2	18.79
704	Weisse I, 362 . .	8.0	21 58.08	65.9	2	3.019	− 6 25 34.9	68.4	2	18.79
705	O. Arg. S. 861 . . .	6.8	22 9.74	63.3	2	2.848	− 25 31 24.8	67.4	2	18.78
706	Weisse I, 375 . . .	8.1	1 22 42.63	64.4	2	+ 3.069	− 0 21 2.0	56.4	3	+ 18.76
707	Weisse I, 381 . . .	7.1	22 50.12	65.8	5	3.020	− 6 19 11.5	65.4	2	18.76
708	μ Piscium	5.0	22 51.13	58.1	10	3.117	+ 5 25 15.7	61.7	26	18.76
709	Weisse I, 382 . . .	8.5	22 55.36	61.9	2	3.159	+ 10 21 57.8	54.9	2	18.76
710	Weisse I, 389 . . .	9.0	23 20.05	65.7	4	3.077	+ 0 38 9.9	65.8	2	18.75

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711	B. A. C. 452 . . .	6.4	1 23 46.87	63.2	3	+ 2.829	− 26 55 54.6	65.4	2	+ 18.73
712	η Piscium	4.2	23 59.78	64.4	96	3.197	+ 14 37 22.1	60.9	13	18.72
713	Weisse I, 1402 . . .	8.0	24 5.12	65.8	5	3.019	− 6 16 0.3	65.4	2	18.72
714	B. A. C. 454. . . .	6.5	24 18.92	64.9	2	3.158	+ 10 9 57.1	67.9	2	18.71
715	Lalande 2751 . . .	8.0*	24 30.44	70.9	2	4.279	+ 68 13 24.3	70.9	2	18.71
716	Weisse I, 410 . . .	7.0	1 24 31.43	68.8	2	+ 3.151	+ 9 15 59.3	56.3	3	+ 18.71
717	Weisse I, 414 . . .	8.3	24 48.19	68.8	2	3.166	+ 10 58 26.3	56.9	2	18.70
718	Rumker 331 . . .	8.6	25 0.32	68.9	2	3.039	− 3 51 5.0	55.9	2	18.70
719	B. A. C. 460. . . .	5.8	25 14.66	68.9	2	2.780	− 31 0 11.1	55.8	4	18.68
720	Lacaille 435. . . .	7.2	25 20.76	63.5	3	2.809	− 28 25 31.0	66.9	2	18.68
721	Lacaille 436. . . .	7.3	1 25 28.72	66.4	2	+ 2.851	− 24 22 0.5	67.9	2	+ 18.68
722	Anonymous	. .	25 33.53	70.9	3	3.204	+ 14 58 33.9	69.2	4	18.67
723	Weisse I, 432 . . .	8.5	25 34.68	68.8	1	3.052	− 2 22 27.3	54.8	3	18.67
724	Lacaille 438, (1st *) .	8.5	25 45.27	63.0	2	2.821	− 27 16 14.1	68.3	3	18.67
725	Lacaille 438, (2d *) .	7.0	25 46.43	69.7	1	2.820	− 27 16 6.6	68.9	2	18.67
726	B. A. C. 464. . . .	6.0	1 25 58.09	58.8	2	+ 3.136	+ 7 29 22.9	67.9	2	+ 18.66
727	Weisse I, 441 . . .	8.9	26 0.89	67.6	4	3.050	− 2 30 41.6	54.9	2	18.66
728	Weisse I, 450 . . .	8.0	26 29.11	66.8	2	3.050	− 2 35 6.1	58.4	4	18.65
729	Weisse (2) I, 575 . .	9.0	26 30.44	65.0	6	3.204	+ 15 3 2.6	57.6	3	18.64
730	Lacaille 444. . . .	6.4	26 35.48	63.8	2	2.843	− 24 53 31.8	66.9	2	18.64
731	Anonymous . . .	9.7	1 26 45.47	68.9	1	+ 3.050	− 2 29 40.1	70.0	3	+ 18.63
732	B. A. C. 469. . . .	5.5	27 14.96	57.8	2	3.231	+ 17 44 39.5	69.4	2	18.62
733	Rumker, N. F., 755 .	8.8	27 25.51	68.9	2	3.125	+ 6 2 38.3	58.0	2	18.61
734	B. A. C. 471. . . .	7.5*	27 32.38	59.1	2	3.138	+ 7 33 25.6	67.9	2	18.61
735	Weisse I, 468 . . .	8.4	27 33.62	65.6	4	3.200	+ 14 33 11.9	66.7	2	18.61
736	Lacaille 451. . . .	6.7	1 27 35.26	68.8	2	+ 2.790	− 29 30 9.5	64.8	3	+ 18.61
737	B. A. C. 472. . . .	6.5	27 36.01	68.1	4	3.074	+ 0 14 12.1	60.7	5	18.61
738	Lacaille 452. . . .	7.8	27 46.01	62.9	3	2.805	− 28 4 56.9	66.4	2	18.60
739	Lacaille 453. . . .	6.6	27 52.89	63.3	3	2.795	− 28 57 17.8	68.0	2	18.60
740	Lacaille 456. . . .	6.2	28 13.58	63.0	2	2.844	− 24 25 7.4	65.4	2	18.59
741	101 Piscium	6.0	1 28 17.51	60.7	5	+ 3.196	+ 13 56 38.5	68.9	2	+ 18.59
742	B. A. C. 477. . . .	6.0	28 20.48	50.8	6	3.223	+ 16 42 57.3	68.5	2	18.58
743	Lacaille 459. . . .	7.2	28 25.79	64.9	2	2.705	− 36 3 49.1	68.9	2	18.58
744	B. A. C. 479. . . .	6.2	28 27.13	65.3	2	2.750	− 32 36 33.3	68.4	2	18.58
745	Anonymous . . .	8.0	28 29.95	68.8	2	2.846	− 24 10 2.4	64.9	2	18.58
746	Lacaille 458. . . .	6.8	1 28 31.73	68.2	3	+ 2.774	− 30 37 55.1	68.3	2	+ 18.58
747	O. Arg. S. 938 . . .	8.3	28 35.65	69.8	2	2.774	− 30 35 39.4	69.4	2	18.58
748	50 Andromedæ . . .	5.0*	28 35.79	45.7	2	3.506	+ 40 42 10.3	72.9	2	18.58
749	B. A. C. 481. . . .	6.0	28 43.47	67.4	2	3.133	+ 6 55 39.1	68.4	2	18.57
750	B. A. C. 482. . . .	5.0	29 0.26	64.0	2	3.859	+ 57 15 46.1	72.9	2	18.56

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			h. m. s.			″	° ′ ″			″
751	Lalande 2942 . . .	7.1	1 29 3.86	63.9	2	+ 2.905	− 18 14 31.9	68.4	2	+ 18.56
752	Weisse I, 497 . . .	8.5*	29 11.64	58.9	2	3.099	+ 3 4 10.5	54.9	2	18.56
753	Lalande 2936 . . .	7.4	29 23.35	68.9	2	3.466	+ 37 48 0.4	47.9	1	18.55
754	51 Andromedæ . . .	3.5*	29 24.72	57.7	2	3.635	+ 47 55 1.4	68.6	3	18.55
755	Lacaille 462. . . .	6.5	29 40.08	67.3	2	2.770	− 30 37 30.4	68.3	2	18.54
756	π Piscium	5.0*	1 29 40.85	60.5	15	+ 3.175	+ 11 25 26.8	57.8	6	+ 18.54
757	Weisse I, 504 . . .	8.8	29 47.60	58.8	3	3.102	+ 3 22 18.1	56.3	5	18.53
758	Weisse I, 508 . . .	9.0	30 2.28	61.4	2	3.089	+ 1 52 4.6	67.9	2	18.53
759	Lacaille 466. . . .	6.2	30 26.10	65.8	2	2.738	− 33 0 46.2	66.9	1	18.52
760	B. A. C. 491. . . .	6.0*	30 38.35	48.7	1	2.980	− 10 7 18.3	68.5	2	18.51
761	Anonymous . . .	9.0	1 30 47.54	63.0	1	+ 3.102	+ 3 22 17.5	69.4	2	+ 18.50
762	Weisse I, 511 . . .	7.0*	31 6.60	61.4	2	3.088	+ 1 52 20.1	58.1	5	18.49
763	Lalande 2966 . . .	8.0*	31 16.32	70.9	2	4.246	+ 66 12 28.5	70.9	2	18.49
764	Weisse I, 540 . . .	8.9	31 41.98	68.8	3	3.103	+ 3 24 37.1	55.9	2	18.47
765	103 Piscium	6.2	31 42.89	65.4	2	3.220	+ 15 54 49.3	59.6	7	18.47
766	Weisse I, 539 . . .	8.5	1 31 44.48	61.9	2	+ 3.180	+ 11 43 35.9	56.9	3	+ 18.47
767	Lalande 3025 . . .	6.8	31 52.59	68.8	2	3.484	+ 38 15 30.4	47.9	1	18.47
768	O. Arg. N. 1812 . .	6.0*	32 1.71	69.7	2	4.307	+ 67 16 53.0	53.9	2	18.46
769	105 Piscium	5.5	32 7.90	66.3	2	3.219	+ 15 41 39.4	69.9	2	18.46
770	B. A. C. 503. . . .	5.5	32 14.08	66.3	2	2.674	− 37 14 14.1	68.9	2	18.45
771	B. A. C. 504. . . .	6.5	1 32 15.57	63.0	3	+ 2.820	− 25 44 7.1	64.8	2	+ 18.45
772	Lacaille 477. . . .	7.0	32 16.44	65.9	2	2.733	− 32 52 55.4	70.0	2	18.45
773	Anonymous . . .	9.0	32 19.89	63.0	1	3.098	+ 2 50 22.8	69.9	2	18.45
774	Weisse I, 557 . . .	9.0	32 23.56	67.6	1	3.208	+ 14 32 59.4	70.4	2	18.45
775	Weisse I, 558 . . .	9.0	32 24.38	67.6	2	3.208	+ 14 32 43.5	70.4	2	18.45
776	Weisse I, 562 . . .	8.5	1 32 29.47	61.6	2	+ 2.097	+ 2 44 35.4	58.9	3	+ 18.44
777	Weisse I, 564 . . .	9.0*	32 31.43	47.0	2	3.042	− 3 13 47.3	47.3	4	18.44
778	B. A. C. 494. . . .	7.5	32 33.33	67.8	4	11.059	+ 86 14 11.1	69.0	2	18.44
779	Anonymous . . .	9.0	32 42.96	65.8	2	3.201	+ 13 45 41.0	68.9	2	18.44
780	Lacaille 480. . . .	7.5	32 48.88	62.0	3	2.771	− 29 44 5.7	68.9	2	18.43
781	Anonymous . . .	7.2	1 32 50.25	68.9	2	+ 3.477	+ 37 33 18.2	47.9	1	+ 18.43
782	Anonymous . . .	9.5	32 51.86	61.9	1	3.202	+ 13 48 0.9	68.9	2	18.43
783	Weisse I, 569 . . .	9.5	32 54.23	61.9	6	3.176	+ 11 10 9.4	62.0	2	18.43
784	Weisse I, 576 . . .	7.2	33 4.33	65.2	3	3.131	+ 6 22 38.6	68.9	2	18.43
785	Weisse I, 578 . . .	8.7	33 11.26	65.6	2	3.213	+ 14 54 35.7	69.2	3	18.42
786	O. Arg. S. 992 . . .	7.1	1 33 16.58	63.9	3	+ 2.840	− 23 37 27.7	70.6	3	+ 18.42
787	Weisse I, 582 . . .	8.5	33 19.19	68.7	2	3.051	− 2 18 43.6	69.5	2	18.42
788	Anonymous . . .	9.2	33 29.65	68.1	2	3.100	+ 3 1 48.3	70.0	2	18.41
789	Weisse I, 594 . . .	8.0*	33 40.02	47.0	3	3.041	− 3 19 49.9	46.9	5	18.40
790	Anonymous . . .	9.5	33 41.70	61.9	4	3.179	+ 11 23 14.6	62.0	2	18.40

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			h. m. s.			″	° ′ ″			″
791	B. A. C. 514 . . .	6.5*	1 33 45.21	48.7	1	+ 3.371	+ 29 20 13.7	70.4	2	+ 18.40
792	Weisse I, 598 . . .	9.0*	33 52.70	65.5	2	3.160	+ 9 24 23.7	61.9	2	18.40
793	Weisse I, 601 . . .	8.0	33 52.83	68.1	3	3.100	+ 3 0 1.4	70.0	2	18.40
794	Weisse I, 600 . . .	8.5	33 53.98	65.5	2	3.161	+ 9 24 9.7	61.9	2	18.40
795	B. A. C. 516 . . .	5.5	33 58.60	68.9	2	3.439	+ 34 32 15.4	47.4	2	18.39
796	Weisse I, 607 . . .	9.0	1 34 4.43	66.1	4	+ 3.107	+ 3 47 10.0	61.8	2	+ 18.39
797	ν Piscium	4.5	34 8.89	62.0	66	3.117	+ 4 46 40.5	62.1	31	18.39
798	Weisse I, 612 . . .	9.0*	34 15.92	65.8	3	3.140	+ 7 11 53.5	67.9	2	18.38
799	Lacaille 492	6.0	34 53.14	68.8	2	2.708	− 34 6 28.9	64.8	3	18.36
800	107 Piscium	5.7	34 54.03	66.0	2	3.263	+ 19 35 4.7	68.4	2	18.36
801	B. A. C. 524 . . .	6.5	1 34 54.78	64.0	2	+ 3.217	+ 15 4 11.8	63.8	2	+ 18.36
802	Weisse I, 628 . . .	8.8	34 56.13	63.0	3	3.107	+ 3 43 20.5	59.8	3	18.36
803	Anonymous . . .	8.0	35 29.74	69.2	3	3.120	+ 5 1 40.3	55.9	2	18.34
804	Weisse I, 646 . . .	8.5	35 46.44	61.4	2	3.190	+ 12 14 56.4	54.9	2	18.33
805	B. A. C. 527 . . .	5.0	35 49.24	65.7	2	2.719	− 33 2 3.9	67.4	2	18.33
806	Weisse I, 655 . . .	7.5	1 36 20.70	69.8	2	+ 3.120	+ 5 2 20.1	63.9	3	+ 18.31
807	Weisse I, 672 . . .	8.0	36 53.60	65.8	2	2.981	−. 9 21 47.3	67.4	2	18.29
808	Weisse I, 669 . . .	8.8	36 55.64	63.9	3	3.202	+ 13 21 14.6	66.9	2	18.29
809	Weisse I, 675 . . .	8.5	37 6.77	60.5	2	3.090	+ 1 54 39.9	54.9	2	18.28
810	109 Piscium	6.5*	37 17.34	58.8	2	3.266	+ 19 22 55.9	68.4	2	18.28
811	τ Ceti	4.5	1 37 32.95	68.9	2	+ 2.907	− 16 40 27.8	68.4	2	+ 18.27
812	Gr. 12-Year Cat. 150 .	6.2	37 40.89	70.9	2	4.164	+ 63 9 30.7	70.9	3	18.26
813	o Piscium	4.3	38 0.27	62.0	53	3.154	+ 8 27 5.9	59.6	6	18.25
814	Anonymous . . .	5.7	38 28.97	68.9	3	3.101	+ 2 57 51.1	64.4	2	18.23
815	Lacaille 509. . . .	7.2	38 32.17	66.0	2	2.758	− 29 25 40.5	68.3	2	18.23
816	Anonymous . . .	. .	1 38 36.19	68.9	2	+ 3.508	+ 38 2 50.2	47.8	1	+ 18.23
817	Anonymous . . .	. .	38 40.50	67.8	2	3.098	+ 2 42 55.3	67.9	3	18.23
818	Lalande 3237 . . .	7.8	38 42.88	60.8	3	3.046	− 2 37 44.6	58.1	6	18.22
819	O. Arg. S. 1049. . .	8.4	38 44.36	66.2	3	2.787	− 27 3 48.8	68.8	2	18.22
820	B. A. C. 539 . . .	6.0*	38 57.69	57.8	2	3.009	− 6 26 7.5	68.9	2	18.22
821	O. Arg. S. 1052. . .	7.5	1 39 3.55	64.1	5	+ 2.785	− 27 6 2.6	66.8	3	+ 18.21
822	ε Sculptoris	6.2	39 5.31	63.8	2	2.800	− 25 45 14.7	67.5	2	18.21
823	O. Arg. S. 1056. . .	8.0	39 14.90	64.3	2	2.786	− 27 0 38.0	69.9	1	18.20
824	Anonymous . . .	7.7	39 16.03	68.9	2	2.652	− 36 48 39.1	66.9	2	18.19
825	Anonymous . . .	9.0	39 17.10	67.9	2	2.786	− 26 57 24.2	69.9	4	18.20
826	Lacaille 513. . . .	6.5	1 39 32.44	63.3	2	+ 2.772	− 28 2 57.4	64.9	2	+ 18.19
827	Weisse I, 709 . . .	6.5	39 43.71	69.7	2	3.173	+ 10 8 34.9	57.4	2	18.19
828	Anonymous . . .	9.0	39 49.47	69.7	1	3.075	+ 0 17 8.6	55.9	2	18.18
829	Weisse I, 713 . . .	8.5	39 55.91	62.5	3	3.174	+ 10 15 9.2	56.9	2	18.18
830	Weisse I, 715 . . .	8.0*	39 57.86	47.0	3	3.034	− 3 48 56.6	47.0	4	18.17

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			h. m. s.			"	° ′ ″			"
831	Weisse I, 721 . . .	8.9	1 40 21.14	63.9	3	+ 3.212	+ 13 53 59.9	68.9	2	+ 18.16
832	B. A. C. 544 . . .	6.5	40 23.83	68.8	3	3.503	+ 37 15 15.3	46.9	5	18.16
833	Weisse I, 725 . . .	8.0	40 26.73	51.8	5	3.036	− 3 36 38.3	56.2	4	18.16
834	O. Arg. S. 1066. . .	7.5	40 31.91	64.6	3	2.885	− 18 11 1.6	68.9	2	18.16
835	Weisse I, 727 . . .	9.0*	40 33.35	47.0	3	3.033	− 3 56 34.2	46.9	2	18.16
836	B. A. C. 547 . . .	6.0*	1 40 35.13	58.8	2	+ 3.685	+ 47 11 52.4	55.5	5	+ 18.15
837	B. A. C. 549 . . .	8.0*	40 35.53	58.9	2	3.238	+ 16 19 15.7	54.0	3	18.15
838	4 Arietis	6.5*	40 35.63	61.8	3	3.238	+ 16 15 25.8	68.6	2	18.15
839	Weisse I, 732 . . .	9.0	41 7.09	61.8	4	3.208	+ 13 21 52.1	58.9	3	18.14
840	B. A. C. 551. . . .	6.5*	41 11.00	60.9	3	3.102	+ 2 59 7.9	61.5	18	18.13
841	Anonymous	. .	1 41	. .	.	+ 3.142	+ 6 58 37.0	70.0	1	+ 18.13
842	Anonymous . . .	8.3	41 13.56	67.4	2	3.142	+ 6 57 42.4	69.0	1	18.13
843	Santini 102	7.8	41 19.52	65.1	4	3.142	+ 6 59 9.6	69.0	2	18.13
844	Weisse I, 740 . . .	8.8	41 42.54	65.0	2	3.191	+ 11 41 30.9	56.3	3	18.11
845	Anonymous	. .	41	. .	.	3.212	+ 13 35 47.6	70.0	1	18.11
846	Lacaille 527. . . .	7.0	1 42 7.57	62.7	5	+ 2.779	− 26 57 7.0	65.9	3	+ 18.10
847	Anonymous	9.8	42 11.90	65.4	2	3.212	+ 13 36 2.2	70.0	1	18.10
848	Anonymous	. .	42 22.88	61.9	1	3.213	+ 13 43 6.6	61.8	1	18.09
849	1 Arietis	6.0	42 24.90	57.4	2	3.300	+ 21 34 41.9	69.4	2	18.09
850	Anonymous	8.6	42 27.85	65.5	2	3.215	+ 13 50 22.2	68.9	2	18.08
851	Weisse O, 753 . . .	8.0*	1 42 30.73	70.8	2	+ 2.956	− 11 23 55.2	70.4	2	+ 18.08
852	Lalande 3344 . . .	7.9	42 34.32	64.9	9	3.213	+ 13 39 7.7	67.3	3	18.08
853	χ Ceti	5.0*	42 42.59	57.8	5	2.956	− 11 22 50.9	70.4	2	18.08
854	Anonymous . . .	10.0	42 48.26	65.4	2	3.212	+ 13 36 43.0	67.9	2	18.07
855	Weisse I, 755 . . .	8.8	42 49.36	66.1	2	3.075	+ 0 17 24.3	55.9	2	18.07
856	54 Ceti	6.0*	1 43 26.53	63.3	4	+ 3.178	+ 10 20 55.4	58.9	3	+ 18.05
857	Weisse I, 773 . . .	8.1	43 30.89	62.6	4	3.044	− 2 45 29.5	57.0	5	18.05
858	Lacaille 535. . . .	7.2	43 34.51	63.2	5	2.738	− 29 44 12.4	64.9	2	18.04
859	Weisse I, 772 . . .	8.0	43 43.83	65.8	3	3.153	+ 7 51 19.6	66.5	2	18.01
860	Weisse I, 775 . . .	9.0	43 44.08	61.9	4	3.218	+ 14 3 36.0	56.4	2	18.04
861	Weisse I, 778 . . .	9.0*	1 43 44.50	61.8	1	+ 3.108	+ 3 31 37.7	55.9	2	+ 18.04
862	B. A. C. 563 . . .	5.5	43 45.98	68.8	2	2.596	− 39 6 33.9	65.0	2	18.03
863	O. Arg. S. 1116. . .	8.2	43 47.12	66.9	2	2.818	− 23 27 46.6	69.0	2	18.03
864	B. A.C. 562. . . .	6.5*	43 55.04	60.4	4	3.790	+ 50 47 49.6	53.8	2	18.03
865	Weisse I, 780 . . .	9.0	43 59.07	65.8	2	3.153	+ 7 49 41.5	68.4	2	18.03
866	ε Cassiopeæ	5.0	1 44 21.82	48.7	14	+ 4.225	+ 62 58 42.0	63.4	11	+ 18.01
867	Weisse I, 790 . . .	7.5	44 29.94	60.9	2	3.038	− 3 19 53.3	55.0	2	18.01
868	ζ Ceti	3.0*	44 32.95	46.5	8	2.957	− 11 1 41.6	69.9	1	18.00
869	Anonymous . . .	7.5	44 56.11	68.8	1	3.511	+ 36 37 50.5	46.9	1	17.99
870	O. Arg. S. 1127. . .	6.5	45 0.12	68.9	1	2.899	− 16 20 29.7	63.9	2	17.99

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			h. m. s.			"	° ′ ″			"
871	Weisse I, 800 . . .	7.8	1 45 0.94	69.4	2	+ 2.935	— 13 1 30.9	70.0	2	+ 17.99
872	*a* Trianguli	3.5*	45 6.48	45.7	4	3.399	+ 28 53 38.7	69.0	2	17.98
873	O. Arg. S. 1151. . .	8.0	45 21.58	64.9	3	2.810	— 23 50 34.6	68.4	2	17.97
874	Weisse I, 808 . . .	9.0	45 27.36	59.9	4	3.044	— 2 43 16.6	54.8	2	17.97
875	Weisse I, 807 . . .	8.4	45 31.50	62.8	5	3.222	+ 14 11 13.6	56.9	2	17.97
876	Weisse I, 812 . . .	8.2	1 45 39.60	65.9	2	+ 3.050	— 2 4 23.0	67.9	2	+ 17.96
877	Weisse I, 813 . . .	9.0*	45 41.43	47.0	3	3.032	— 3 48 39.1	46.9	2	17.96
878	γ^1 Arietis	4.3*	45 51.21	62.2	5	3.273	+ 18 36 21.3	62.9	2	17.95
879	γ^2 Arietis	4.3*	45 51.21	63.4	2	3.273	+ 18 36 29.5	62.9	2	17.95
880	Weisse I, 819 . . .	8.2	46 0.06	65.9	3	3.052	— 2 0 21.1	69.4	2	17.95
881	Weisse I, 820 . . .	9.2	1 46 4.84	65.8	4	+ 3.162	+ 8 33 45.5	67.9	2	+ 17.95
882	Weisse I, 821 . . .	8.5	46 6.27	65.4	2	3.042	— 2 51 43.9	54.8	3	17.94
883	ξ Piscium	5.3	46 18.61	62.9	6	3.098	+ 2 29 42.8	62.3	19	17.94
884	O. Arg. S. 1146. . .	8.0	46 22.73	68.8	2	2.773	— 26 31 6.0	66.4	2	17.94
885	Weisse I, 831 . . .	9.0	46 38.55	65.9	3	3.051	— 2 2 20.4	68.9	2	17.92
886	B. A. C. 576. . . .	6.0	1 46 41.93	68.9	2	+ 3.515	+ 36 26 19.6	47.8	1	+ 17.92
887	β Arietis	3.2	46 54.76	63.8	114	3.292	+ 20 7 19.1	59.8	14	17.91
888	Weisse I, 843 . . .	8.3	47 20.52	68.2	4	3.052	— 1 53 22.3	68.9	2	17.90
889	Weisse I, 847 . . .	8.0	47 32.47	60.0	2	3.100	+ 2 42 13.5	54.5	4	17.89
890	B. A. C. 579. . . .	5.7	47 38.04	68.8	3	3.521	+ 36 35 22.3	46.9	3	17.88
891	B. A. C. 580. . . .	5.5	1 47 50.97	68.8	2	+ 3.522	+ 36 33 47.6	46.9	3	+ 17.88
892	7 Arietis	5.0	48 3.36	48.7	1	3.328	+ 22 53 19.9	67.9	2	17.87
893	Weisse I, 855 . . .	8.2	48 9.54	58.8	2	3.200	+ 11 53 6.5	55.9	2	17.86
894	Weisse I, 860 . . .	9.0	48 21.10	61.3	3	3.103	+ 2 53 24.8	56.4	2	17.86
895	Anonymous . . .	8.5	49 14.65	66.4	2	2.757	— 27 10 41.6	69.3	3	17.82
896	Lacaille 566. . . .	7.8	1 49 29.11	64.0	2	+ 2.720	— 29 48 5.5	64.8	2	+ 17.81
897	*t* Arietis	6.0*	49 42.42	57.2	9	3.262	+ 17 7 56.9	62.8	3	17.80
898	O. Arg. S. 1179. . .	7.8	49 48.82	63.8	2	2.772	— 25 57 58.5	67.5	2	17.80
899	Lacaille 569. . . .	7.0	49 51.61	67.4	4	2.608	— 36 55 56.5	66.5	2	17.80
900	Weisse I, 880 . . .	9.0	50 2.10	67.3	2	3.172	+ 9 12 9.0	65.4	2	17.79
901	56 Ceti	6.0	1 50 6.84	62.0	2	+ 2.807	— 23 12 42.3	54.0	2	+ 17.79
902	O. Arg. S. 1181. . .	8.8	50 6.85	68.9	2	2.863	— 18 41 25.1	66.8	2	17.79
903	λ Arietis, (1st *) . . .	4.5	50 8.02	61.7	3	3.333	+ 22 54 40.8	68.2	3	17.78
904	λ Arietis, (2d *) . . .	8.0	50 9.96	69.7	2	3.334	+ 22 55 7.5	69.3	3	17.78
905	48 Cassiopeæ	5.0	50 31.33	66.0	2	4.797	+ 70 13 31.5	62.4	4	17.77
906	Lacaille 570. . . .	7.6	1 50 32.89	63.3	3	+ 2.765	— 26 18 20.7	69.4	2	+ 17.77
907	O. Arg. S. 1189. . .	6.8	50 34.56	68.9	2	2.866	— 18 21 43.1	66.9	2	17.76
908	58 Ceti	6.0	50 52.59	60.4	4	3.042	— 2 44 38.0	59.6	12	17.76
909	Weisse I, 896 . . .	8.0	51 3.31	60.4	2	3.242	+ 15 14 46.6	54.9	2	17.75
910	47 Cassiopeæ	5.5	51 14.09	65.0	2	5.691	+ 76 36 17.6	68.5	2	17.74

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			h. m. s.			"	° ′ ″			"
911	50 Cassiopeæ	4.0	1 51 33.34	64.0	8	+ 4.968	+ 71 44 28.0	64.2	14	+ 17.73
912	B. A. C. 607. . . .	6.0	51 49.80	54.2	5	3.305	+ 20 22 37.1	69.4	2	17.72
913	B. A. C. 609. . . .	6.0	51 56.53	48.4	2	3.200	+ 11 36 49.6	58.8	2	17.71
914	Anonymous	. .	52 0.90	65.9	3	3.054	− 1 41 23.5	69.6	3	17.71
915	O. Arg. S. 1210. . .	8.3	52 23.24	68.8	2	2.858	− 18 44 31.7	66.8	2	17.69
916	Lacaille 586, (1st *) .	7.4	1 52 27.94	64.2	6	+ 2.797	− 23 36 7.3	68.4	2	+ 17.69
917	Lacaille 586, (2d *) .	7.2	52 28.38	64.2	6	2.797	− 23 36 11.2	66.6	3	17.69
918	B. A. C. 613. . . .	7.0	52 37.00	64.0	2	2.507	− 41 51 10.4	63.9	3	17.68
919	Lalande 3702 . . .	7.1	52 54.48	65.4	2	2.748	− 27 6 53.2	68.3	2	17.67
920	O. Arg. S. 1219. . .	7.0	52 54.57	66.4	2	2.789	− 24 7 9.6	69.5	2	17.67
921	Weisse I, 942 . . .	7.5	1 53 10.81	51.8	5	+ 3.026	− 4 2 53.8	50.0	5	+ 17.66
922	57 Ceti	5.8	53 11.04	61.8	3	2.822	− 21 30 22.9	68.0	2	17.66
923	Weisse I, 943 . . .	8.5	53 17.67	60.3	3	3.215	+ 12 42 17.4	56.3	3	17.66
924	B. A. C. 619. . . .	6.0	53 36.01	67.6	4	2.511	− 41 24 26.0	68.5	2	17.64
925	Lacaille 598. . . .	6.8	54 14.22	62.0	2	2.773	− 25 5 53.4	66.9	2	17.62
926	Weisse I, 963 . . .	9.5	1 54 23.06	60.5	5	+ 3.110	+ 3 22 27.5	56.6	3	+ 17.61
927	Weisse I, 969 . . .	8.8	54 36.36	61.3	2	3.202	+ 11 30 13.4	56.9	2	17.60
928	Anonymous . . .	7.5	54 36.71	69.9	2	2.506	− 41 23 42.0	68.4	2	17.60
929	α Piscium	3.5*	54 48.29	45.7	2	3.095	+ 2 5 11.5	66.9	2	17.59
930	Weisse I, 972 . . .	7.2	54 53.52	60.3	3	3.209	+ 12 0 33.4	56.9	2	17.59
931	Weisse I, 973 . . .	6.5	1 55 3.20	64.4	2	+ 3.218	+ 12 47 59.2	55.0	2	+ 17.58
932	O. Arg. S. 1245. . .	8.4	55 9.78	68.8	2	2.754	− 26 18 37.9	64.0	2	17.58
933	Weisse I, 978 . . .	7.0	55 10.98	62.0	2	3.167	+ 8 24 17.9	57.9	3	17.58
934	γ Andromedæ, (1st *) .	2.3*	55 18.94	69.7	2	3.646	+ 41 39 19.4	68.4	2	17.57
935	γ Andromedæ, (2d *) .	5.0*	55 20.02	69.7	2	3.646	+ 41 39 22.7	68.4	2	17.57
936	Weisse I, 984 . . .	9.0	1 55 25.47	61.9	4	+ 3.108	+ 3 10 13.3	58.6	3	+ 17.57
937	Anonymous . . .	9.0	55 43.70	68.9	2	3.111	+ 3 25 15.3	55.9	1	17.55
938	Lacaille 607. . . .	6.8	56 3.30	62.9	3	2.802	− 22 38 30.2	64.8	2	17.54
939	O. Arg. S. 1256. . .	7.5	56 12.57	64.2	3	2.735	− 27 25 4.7	69.4	2	17.53
940	O. Arg. S. 1259. . .	6.2	56 23.75	68.8	2	2.775	− 24 33 40.2	67.5	2	17.53
941	O. Arg. S. 1261. . .	6.8	1 56 29.71	68.8	2	+ 2.801	− 22 35 12.7	67.4	2	+ 17.52
942	Anonymous. . . .	8.8	56 33.67	67.9	3	3.180	+ 9 25 38.2	69.5	2	17.52
943	O. Arg. S. 1266. . .	8.0	56 59.25	66.9	2	2.756	− 25 48 6.2	69.0	3	17.50
944	54 Cassiopeæ.	6.5*	57 7.35	61.9	2	4.959	+ 70 53 25.7	67.0	2	17.49
945	Anonymous. . . .	7.3	57 13.92	64.5	2	2.857	− 18 11 12.3	69.9	2	17.49
946	B. A. C. 641. . . .	7.0	1 57 28.23	60.2	3	+ 3.153	+ 7 3 46.3	63.6	3	+ 17.48
947	Weisse I, 1018 . . .	7.8	57 34.02	65.9	3	3.181	+ 9 26 36.3	68.5	2	17.47
948	Weisse I, 1022 . . .	8.1	57 56.78	65.9	3	3.181	+ 9 24 15.3	66.9	2	17.46
949	B. A. C. 643. . . .	4.8	58 12.82	62.7	4	2.692	− 29 58 13.4	68.0	2	17.45
950	Weisse I, 1038 . . .	8.6	58 47.03	65.4	2	3.174	+ 8 46 5.9	58.0	2	17.42

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			h. m. s.			"	° ′ ″			"
951	Weisse I, 1040 . . .	7.0	1 58 48.78	59.0	2	+ 3.160	+ 7 34 42.2	63.0	2	+ 17.42
952	Weisse (2) I, 1411 . .	8.5	58 56.56	60.0	2	3.267	+ 16 24 51.7	54.9	2	17.42
953	Weisse I, 1042 . . .	7.5	58 56.82	61.3	2	3.223	+ 12 47 31.6	55.5	2	17.42
954	Weisse I, 1043 . . .	8.3	59 7.18	67.9	5	3.236	+ 13 54 50.9	68.0	1	17.41
955	Weisse I, 1045 . . .	8.0	59 12.88	65.8	3	3.187	+ 9 48 29.3	67.5	2	17.41
956	Weisse I, 1048 . . .	7.0	1 59 13.	. .	.	+ 3.013	− 5 2 6.5	68.4	2	+ 17.41
957	*a* Arietis	2.0*	59 17.22	55.9	196	3.352	+ 22 47 56.2	51.2	74	17.40
958	Weisse I, 1047 . . .	9.1	59 20.28	61.4	4	3.238	+ 13 59 18.8	70.0	2	17.40
959	Weisse I, 1050 . . .	9.0	59 20.68	62.4	2	3.237	+ 13 54 51.0	61.8	2	17.40
960	Weisse I, 1056 . . .	9.0	59 30.40	61.9	3	3.110	+ 3 14 6.5	62.0	2	17.39
961	Anonymous . . .	9.0	1 59 46.61	61.9	2	+ 3.108	+ 3 6 59.4	69.5	2	+ 17.38
962	Weisse I, 1069 . . .	8.0*	59 59.88	47.0	1	3.015	− 4 53 8.8	47.0	2	17.36
963	58 Andromedæ . . .	5.0	2 0 3.10	68.8	3	3.580	+ 37 11 36.5	46.9	1	17.37
964	Weisse I, 1071 . . .	7.5	0 12.70	67.3	3	3.168	+ 8 10 37.7	63.2	4	17.36
965	Weisse I, 1075 . . .	7.5*	0 27.79	70.9	2	3.057	− 1 16 23.1	70.9	2	17.35
966	Weisse I, 1080 . . .	7.1	2 0 54.55	65.9	2	+ 3.169	+ 8 11 1.5	63.2	4	+ 17.33
967	*β* Trianguli	4.2	1 13.49	68.9	2	3.538	+ 34 19 24.3	47.2	6	17.32
968	Anonymous . . .	8.6	1 28.94	69.0	2	3.622	+ 38 55 53.1	49.0	1	17.30
969	Lacaille 638	7.0	1 49.26	63.4	4	2.708	− 28 14 13.8	65.8	2	17.29
970	Anonymous . . .	9.0	2 1.33	66.0	2	3.953	+ 52 24	. .	.	17.28
971	Lalande 3979 . . .	6.0	2 2 7.33	68.9	4	+ 2.845	− 18 26 37.8	64.1	2	+ 17.28
972	B. A. C. 663 . . .	8.5	2 22.59	61.0	4	3.114	+ 3 34 4.3	55.7	5	17.26
973	59 Andromedæ. . . .	6.0*	2 23.87	58.9	2	3.611	+ 38 22 36.0	47.6	15	17.26
974	B. A. C. 662. . . .	7.5	2 24.77	58.9	2	3.611	+ 38 22 50.2	54.7	12	17.26
975	O. Arg. S. 1344. . .	7.4	2 36.48	63.6	8	2.773	− 23 39 19.1	64.8	2	17.25
976	O. Arg. N. 2443 . .	8.5	2 2 50.72	61.4	4	+ 3.856	+ 48 56 9.3	65.7	5	+ 17.24
977	15 Arietis	5.0	2 52.34	66.2	2	3.305	+ 18 50 16.9	68.0	2	17.24
978	Lacaille 644. . . .	6.7	3 9.92	63.0	2	2.753	− 25 0 31.4	66.9	2	17.23
979	5 Trianguli	7.0	3 14.54	59.0	2	3.481	+ 30 51 53.1	53.9	2	17.22
980	O. Arg. S. 1354. . .	8.0	3 27.62	64.9	1	2.681	− 29 40 14.2	67.9	2	17.22
981	O. Arg. N. 2462 . .	8.5*	2 3 37.71	60.3	5	+ 3.865	+ 49 7 18.1	59.6	3	+ 17.21
982	64 Ceti	6.5*	3 57.86	58.9	1	3.168	+ 7 54 47.5	57.9	4	17.19
983	Groombridge 466 . .	6.8	4 12.16	62.1	5	3.967	+ 52 23 55.5	67.5	2	17.18
984	Anonymous. . . .	9.0	4 14.34	61.9	1	2.691	− 28 55 12.4	69.0	2	17.18
985	Weisse II, 35 . . .	9.2	4 16.16	60.4	2	3.122	+ 4 6 20.5	64.9	3	17.18
986	Lalande 3987 . . .	7.5	2 4 19.79	70.9	2	+ 4.698	+ 67 1 32.9	70.9	2	+ 17.18
987	Weisse II, 38 . . .	8.8	4 20.66	62.5	2	3.180	+ 8 54 57.9	57.9	2	17.18
988	Lacaille 649. . . .	8.5	4 24.42	62.2	3	2.691	− 28 52 54.0	68.0	2	17.17
989	Anonymous . . .	9.5	4 29.12	66.4	2	3.172	+ 8 14 24.0	68.0	2	17.17
990	O. Arg. N. 2484 . .	6.5	4 30.76	61.9	1	3.972	+ 52 27 53.1	70.0	2	17.17

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			h. m. s.			"	° ′ ″			"
991	Weisse II, 44 . . .	8.4	2 4 34.88	66.4	2	+ 3.172	+ 8 14 35.0	68.0	2	+ 17.17
992	Weisse II, 52 . . .	9.0	4 42.06	64.3	2	3.117	+ 3 42 17.0	69.9	2	17.16
993	Weisse II, 51 . . .	8.0	4 42.77	64.8	2	3.120	+ 3 55 52.2	70.0	1	17.16
994	Lacaille 660 . . .	7.5	4 49.02	65.8	2	2.510	− 39 1 38.0	69.4	2	17.15
995	O. Arg. S. 1376. . .	6.7	4 55.20	66.5	2	2.841	− 18 24 14.5	65.4	2	17.15
996	η Arietis	6.0*	2 4 58.18	56.2	3	+ 3.332	+ 20 33 5.8	64.8	2	+ 17.15
997	Weisse II, 56 . . .	9.0	5 1.70	65.3	2	3.210	+ 11 13 21.6	70.0	2	17.14
998	Lalande 4070 . . .	8.5	5 7.96	67.9	3	3.316	+ 19 9 44.2	67.0	2	17.14
999	Weisse II, 61 . . .	7.8	5 19.65	65.5	3	3.210	+ 11 12 2.5	66.6	3	17.13
1000	O. Arg. N. 2511 . .	8.0	5 23.33	60.8	4	4.025	+ 53 52 29.5	62.5	2	17.13
1001	19 Arietis	7.0	2 5 25.43	62.3	3	+ 3.254	+ 14 37 20.6	67.4	2	+ 17.13
1002	O. Arg. S. 1384. . .	7.2	5 26.21	66.0	2	2.841	− 18 23 15.2	68.5	2	17.13
1003	Weisse II, 64 . . .	8.7	5 26.75	61.9	3	3.240	+ 13 35 2.3	58.8	4	17.13
1004	ζ^1 Ceti	4.5	5 35.00	62.7	56	3.172	+ 8 11 17.4	60.7	4	17.12
1005	O. Arg. S. 1388. . .	8.5	5 47.75	70.5	5	2.675	− 29 36 58.6	67.8	1	17.11
1006	Weisse II, 72 . . .	7.8	2 5 57.68	68.8	3	+ 3.122	+ 4 5 31.9	57.5	2	+ 17.10
1007	Anonymous . . .	9.0	5 58.86	70.1	4	2.674	− 29 39 11.5	68.4	2	17.10
1008	B. A. C. 687. . . .	6.7	6 10.61	59.3	7	3.125	+ 4 21 25.3	60.2	3	17.09
1009	O. Arg. N. 2546 . .	8.0	6 39.71	66.2	3	3.881	+ 49 2 45.5	55.9	2	17.07
1010	Weisse II, 81 . . .	8.0	6 46.64	68.9	2	3.163	+ 7 22 50.3	62.0	2	17.06
1011	Weisse (2) II, 147 . .	6.8	2 6 47.74	69.0	2	+ 3.631	+ 38 30 52.0	46.9	1	+ 17.06
1012	O. Arg. S. 1404. . .	9.5	7 10.78	67.5	3	2.671	− 29 37 36.9	69.5	2	17.05
1013	Weisse II, 102 . . .	9.0*	7 40.58	61.8	1	3.124	+ 4 12 54.6	58.6	3	17.02
1014	Rumker 568 . . .	8.7	7 42.38	61.9	3	3.292	+ 17 15 49.9	59.9	3	17.02
1015	20 Arietis	6.5*	7 45.61	65.0	2	3.404	+ 25 7 51.8	68.0	2	17.02
1016	Weisse II, 109 . . .	8.4	2 8 17.58	63.1	2	+ 3.264	+ 15 10 4.9	67.5	2	+ 17.00
1017	Weisse II, 112 . . .	9.0	8 28.26	60.5	2	3.134	+ 4 59 50.8	56.4	2	16.99
1018	Lacaille 678. . . .	7.4	8 36.58	63.0	2	2.752	− 24 11 35.8	68.4	2	16.98
1019	O. Arg. S. 1421. . .	7.8	8 47.17	68.8	2	2.859	− 16 37 48.1	64.9	2	16.97
1020	O. Arg. S. 1424. . .	8.2	8 49.64	66.8	2	2.756	− 23 56 8.7	68.0	2	16.97
1021	Weisse II, 120 . . .	8.5*	2 8 53.34	47.0	2	+ 3.013	− 4 44 45.8	47.0	4	+ 16.97
1022	γ Trianguli	4.5	9 0.08	68.9	2	3.539	+ 33 11 52.0	47.8	3	16.96
1023	B. A. C. 700 . . .	6.0	9 16.23	65.3	2	4.151	+ 56 29 9.2	66.9	2	16.95
1024	O. Arg. S. 1433. . .	7.4	9 19.67	63.8	2	2.705	− 27 10 32.4	68.5	2	16.95
1025	B. A. C. 701. . . .	6.0	9 25.38	65.3	2	4.154	+ 56 31 11.4	66.9	2	16.94
1026	B. A. C. 702. . . .	7.5*	2 9 30.02	59.0	2	+ 4.520	+ 63 41 18.6	53.9	3	+ 16.94
1027	67 Ceti	6.0	10 0.11	61.5	47	2.983	− 7 4 9.1	58.6	3	16.92
1028	Lalande 4238 . . .	7.5	10 0.87	61.9	1	3.303	+ 17 48 13.3	59.0	3	16.91
1029	θ Arietis	5.7	10 20.64	61.3	7	3.324	+ 19 15 3.0	69.0	2	16.90
1030	Weisse II, 143 . . .	8.0	10 27.52	61.9	3	3.249	+ 13 49 4.2	55.0	2	16.89

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1031	Weisse II, 144 . . .	8.0	2 10 31.68	61.0	2	+ 3.236	+ 12 46 51.4	57.1	4	+ 16.89
1032	Anonymous . . .	8.2	10 31.92	68.9	2	4.112	+ 55 15 45.7	57.9	1	16.89
1033	Weisse II, 147 . . .	6.0	10 45.46	70.9	2	3.086	+ 1 5 45.5	70.9	2	16.88
1034	Weisse II, 159 . . .	8.5*	11 12.83	47.0	2	3.012	− 4 44 50.7	47.0	4	16.86
1035	Weisse II, 155 . . .	7.0	11 16.78	69.9	1	3.231	+ 12 20 35.2	69.0	2	16.86
1036	Weisse II, 158 . . .	7.0	2 11 16.88	61.7	4	+ 3.168	+ 7 31 56.1	55.6	3	+ 16.86
1037	Weisse II, 168 . . .	8.0	11 29.86	62.8	2	3.002	− 5 31 4.1	58.0	2	16.84
1038	Anonymous . . .	8.8	11 31.07	62.5	2	3.001	− 5 33 53.4	57.9	2	16.84
1039	B. A. C. 718. . . .	7.0*	12 3.56	64.2	2	4.176	+ 56 35 55.9	53.9	3	16.82
1040	Anonymous . . .	8.0	12 16.47	57.9	2	3.011	− 4 46 26.2	69.0	2	16.81
1041	*o* Ceti	5.0	2 12 16.49	58.8	2	+ 3.026	− 3 36 56.9	69.9	3	+ 16.81
1042	Weisse II, 182 . . .	8.0	12 37.03	64.5	2	3.250	+ 13 39 10.5	55.0	2	16.79
2043	*i* Persei	5.2	12 37.44	68.8	2	4.124	+ 55 12 9.9	63.4	2	16.79
1044	Weisse II, 185 . . .	9.0	12 38.24	62.5	2	2.999	− 5 38 40.7	63.3	3	16.79
1045	B. A. C. 722. . . .	7.0	12 38.75	58.0	3	3.008	− 4 59 28.3	68.0	2	16.79
1046	B. A. C. 723. . . .	6.4	2 12 42.13	65.6	5	+ 2.706	− 26 36 30.0	69.9	2	+ 16.79
1047	Weisse II, 189 . . .	9.0	12 43.06	62.0	2	2.999	− 5 40 25.3	66.5	2	16.79
1048	Anonymous . . .	8.0	12 57.98	58.7	1	3.241	+ 12 58	. .	.	16.78
1049	Weisse II, 188 . . .	8.8	13 1.79	68.9	3	3.242	+ 13 3 36.3	69.9	2	16.77
1050	B. A. C. 725. . . .	8.0*	13 6.58	60.8	2	4.191	+ 56 44 40.6	60.5	2	16.77
1051	O. Arg. S. 1489. . .	8.0	2 13 30.39	63.2	3	+ 2.740	− 24 16 40.2	67.9	2	+ 16.75
1052	Lalande 4342 . . .	7.2	13 51.97	69.0	3	3.629	+ 37 4 46.9	46.9	1	16.83
1053	Weisse II, 209 . . .	9.3	13 53.05	1.8	5	3.251	+ 13 37 34.0	55.9	2	16.73
1054	O. Arg. N. 2680. . .	9.0	13 53.96	61.9	2	4.462	+ 62 3 3.5	69.5	2	16.83
1055	69 Ceti	5.0	14 46.38	57.2	2	3.069	− 0 14 44.4	68.0	2	16.69
1056	70 Ceti	6.0*	2 15 4.86	45.7	4	+ 3 052	− 1 31 27.0	69.1	2	+ 16.67
1057	Weisse II, 231 . . .	7.5*	15 10.78	69.7	2	2.922	− 11 24 57.1	68.9	2	16.67
1058	Lalande 4410 . . .	6.1	15 29.23	64.4	4	2 826	− 18 18 2.0	65.5	2	16.65
1059	Weisse II, 235 . . .	8.0	15 30.77	60.4	4	3.176	+ 7 54 20.0	58.3	3	16.65
1060	Lalande 4387 . . .	6.8	15 33.57	68.9	2	3.669	+ 38 42 28.1	49.0	1	16.65
1061	B. A. C. 728. . . .	8.5	2 15 44.04	70.8	2	+ 3.206	+ 10 11 48.0	69.9	2	+ 16.64
1062	Lacaille 711. . . .	6.8	15 49.57	62.9	4	2.666	− 28 30 4.0	65.9	2	16.63
1063	*κ* Fornacis	6.0	16 8.25	62.0	2	2.732	− 24 27 13.5	68.0	2	16.62
1064	O. Arg. N. 2729 . .	7.2	16 22.22	58.9	2	4.207	+ 56 35 33.6	53.9	3	16.61
1065	O. Arg. S. 1522. . .	6.3	16 22.27	68.8	2	2.814	− 18 59 22.5	66.0	2	16.61
1066	Weisse II, 250 . . .	7.1	2 16 24.23	62.8	4	+ 2.982	− 6 49 47.3	62.0	2	+ 16.61
1067	B. A. C. 741 . . .	6.5*	17 1.91	54.1	7	3.192	+ 9 4 43.5	57.3	3	16.58
1068	B. A. C. 742. . . .	6.0	17 7.66	64.9	2	2.628	− 30 30 14.9	67.0	1	16.57
1069	B. A. C. 743. . . .	6.6	17 8.54	63.2	5	2.678	− 27 37 51.6	66.9	2	16.57
1070	*ξ* Arietis	5.5	17 18.99	55.8	4	3.205	+ 9 58 30.5	61.2	3	16.56

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			h. m. s.			″	° ′ ″			″
1071	ι Cassiopeæ	4.0*	2 17 35.06	49.8	20	+ 4.831	+ 66 46 11.7	62.6	15	+ 16.55
1072	Anonymous . . .	8.5	17 35.35	64.5	2	4.444	+ 61 10 8.5	68.0	2	16.55
1073	B. A. C. 740. . . .	6.0*	17 42.61	61.9	2	7.856	+ 81 1 10.0	61.8	3	16.54
1074	Weisse II, 278 . . .	8.4	17 44.53	68.9	2	3.177	+ 7 54 55.5	56.4	2	16.54
1075	O. Arg. S. 1535. . .	8.5	17 49.34	68.9	2	2.814	− 18 47 53.8	64.9	2	16.54
1076	Weisse II, 410 . . .	8.2	2 17 51.10	59.7	4	+ 3.331	+ 18 55 11.7	57.2	4	+ 16.54
1077	Lacaille 726. . . .	6.4	18 2.77	64.3	3	2.695	− 26 29 4.4	68.0	2	16.53
1078	Weisse II, 288 . . .	8.2	18 6.14	68.9	2	2.999	− 5 22 55.9	47.0	1	16.52
1079	Lalande 4504 . . .	7.5	18 53.80	64.5	2	3.146	+ 5 39 39.1	69.0	2	16.48
1080	Lacaille 727. . . .	7.2	18 58.48	63.6	4	2.757	− 22 26 30.0	68.4	2	16.48
1081	Weisse (2) II, 444 . .	8.5	2 19 3.08	62.2	4	+ 3.384	+ 22 14 47.3	58.7	5	+ 16.48
1082	Weisse II, 305 . . .	7.5	19 15.33	64.5	2	3.206	+ 9 55 59.5	55.0	3	16.47
1083	Weisse (2) II, 449 . .	9.5	19 16.38	62.3	3	3.385	+ 22 16 19.6	59.2	4	16.47
1084	O. Arg. S. 1551. . .	5.8	19 21.06	68.9	2	2.853	− 15 58 21.4	66.1	2	16.45
1085	O. Arg. S. 1554. . .	7.0	19 30.71	68.9	2	2.724	− 24 28 32.1	68.0	2	16.45
1086	Carrington 347. . .	9.0*	2 19 32.04	61.9	2	+30.305	+ 88 23 30.4	67.5	2	+ 16.45
1087	Weisse II, 312 . . .	8.0	19 41.94	59.9	3	3.147	+ 5 35 46.5	56.8	2	16.44
1088	O. Arg. S. 1558. . .	8.5	19 54.94	69.1	1	2.721	− 24 30 49.4	69.5	2	16.43
1089	25 Arietis	7.0*	19 56.75	60.0	3	3.201	+ 9 34 32.1	54.0	3	16.43
1090	12 Trianguli	5.0	19 58.00	45.7	3	3.498	+ 29 2 31.6	69.5	2	16.43
1091	Anonymous . . .	9.5	2 20 26.26	68.9	1	+ 4.470	+ 61 11 4.7	64.3	3	+ 16.44
1092	Anonymous . . .	6.8	20 33.56	68.9	2	3.646	+ 36 42 7.0	46.9	1	16.40
1093	ξ² Ceti	4.8	20 43.15	61.8	44	3.178	+ 7 49 50.0	60.5	5	16.39
1094	Weisse II, 333 . . .	9 0	20 48.77	61.5	5	3.145	+ 5 25 39.9	59.0	2	16.39
1095	Anonymous. . . .	6.8	21 33.25	68.9	2	3.685	+ 38 19 40.0	46.9	2	16.35
1096	Lacaille 745. . . .	7.0*	2 21 49. . .	.	.	+ 2.540	− 34 26 23.2	64.7	5	+ 16.34
1097	Lacaille 744. . . .	7.8	22 1.08	63.0	2	2.675	− 27 3 37.2	69.0	2	16.33
1098	Anonymous . . .	8.0	22 3.99	70.0	2	4.479	+ 61 6 36.3	68.0	2	16.33
1099	B. A. C. 764. . . .	7.0*	22 7.04	58.9	2	3.194	+ 8 56 18.8	53.8	2	16.32
1100	Weisse II, 363 . . .	7.2	22 17.83	66.9	2	3.180	+ 7 52 21.3	67.5	2	16.31
1101	B. A. C. 766. . . .	6.5*	2 22 29.58	45.7	1	+ 3.429	+ 24 36 45.3	69.5	2	+ 16.30
1102	B. A. C. 768. . . .	6.0*	22 33.39	58.9	2	2.590	− 31 43 45.3	53.9	3	16.30
1103	Anonymous . . .	9.2	22 37.61	69.0	2	3.651	+ 36 36 45.7	46.9	1	16.29
1104	Lacaille 750. . . .	7.5	22 40.65	63.7	4	2.628	− 23 50 1.5	67.0	1	16.29
1105	26 Arietis	5.5	22 47.62	57.3	2	3.344	+ 19 13 54.0	69.9	2	16.29
1106	Weisse II, 373 . . .	9.0	2 22 56.32	66.0	2	+ 3.261	+ 13 38 13.3	63.2	4	+ 16.28
1107	Anonymous . . .	8.4	23 2.27	64.4	2	2.659	− 27 53 4.6	70.0	2	16.27
1108	27 Arietis	6.0*	23 8.79	60.7	7	3.312	+ 17 4 57.3	56.3	6	16.27
1109	Weisse II, 379 . . .	8.1	23 10.28	68.8	2	3.250	+ 12 48 31.8	58.9	2	16.27
1110	Lacaille 756. . . .	7.0	23 10.96	63.5	2	2.712	− 24 43 54.2	68.9	2	16.27

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			h. m. s.			″	° ′ ″			″
1111	Weisse (2) II, 545 . .	6.0	2 23 12.47	68.9	2	+ 3.672	+ 37 29 58.0	46.9	2	+ 16.27
1112	Weisse II, 386 . . .	9.0	23 23.48	56.9	2	2.976	− 6 57 11.0	56.9	2	16.26
1113	B. A. C. 773. . . .	6.3	23 31.79	63.0	2	2.734	− 23 18 31.6	67.0	2	16.25
1114	14 Trianguli	5.0	23 34.20	69.0	2	3.632	+ 35 31 25.6	47.2	2	16.25
1115	B. A. C. 774. . . .	7.0	23 56.06	60.7	3	2.692	− 25 48 43.6	68.0	2	16.23
1116	Anonymous . . .	7.1	2 24 1.92	68.9	2	+ 3.707	+ 38 55 11.8	46.9	1	+ 16.22
1117	Weisse II, 397 . . .	8.2	24 6.78	59.0	2	3.095	+ 1 38 48.1	68.7	3	16.22
1118	B. A. C. 775. . . .	6.3	24 9.78	63.2	3	2.735	− 23 10 4.2	65.5	2	16.22
1119	B. A. C. 776. . . .	6.5	24 15.78	59.0	2	3.095	+ 1 38 42.1	63.7	3	16.21
1120	Lalande 4667 . . .	6.8	24 19.88	68.8	2	3.659	+ 36 42 51.6	48.0	5	16.21
1121	Lacaille 767. . . .	7.0*	2 24 20.	. .	.	+ 2.546	− 33 44 55.9	65.6	2	+ 16.21
1122	Weisse (2) II, 587 . .	8.2	24 26.76	66.9	2	3.386	+ 21 42 44.7	65.9	2	16.20
1123	75 Ceti	5.5*	25 2.29	48.0	2	3.059	− 1 39 19.2	69.4	2	16.17
1124	Weisse II, 415 . . .	7.5	25 22.23	61.9	2	3.115	+ 3 7 7.1	65.0	2	16.15
1125	σ Ceti	4.3	25 27.30	45.7	4	2.847	− 15 51 39.6	64.4	4	16.14
1126	Rumker 654 . . .	8.2	2 25 37.28	59.6	4	+ 3.358	+ 19 49 9.7	56.5	6	+ 16.14
1127	Lacaille 771. . . .	7.3	25 38.88	63.3	3	2.724	− 23 42 18.5	66.0	2	16.14
1128	Anonymous . . .	7.0	26 13.75	68.9	2	2.550	− 33 13 34.7	65.0	2	16.11
1129	O. Arg. S. 1630. . .	7.0	26 18.28	63.9	7	2.655	− 27 37 21.9	69.9	3	16.11
1130	Weisse II, 437 . . .	8.0	26 55.13	62.0	4	2.979	− 6 37 25.5	66.0	1	16.07
1131	Weisse (2) II, 642 . .	5.6	2 27 2.02	68.8	2	+ 3.668	+ 36 41 49.4	46.9	3	+ 16.07
1132	Weisse II, 443, (1st *) .	7.5	27 8.81	68.8	2	2.984	− 6 15 10.5	50.3	7	16.06
1133	Weisse II, 443, (2d *) .	7.5	27 8.83	68.8	2	2.984	− 6 15 10.5	50.3	7	16.06
1134	Σ Cat. Gen. 250 . .	8.0	27 8.90	60.0	2	2.984	− 6 15 12.6	53.5	3	16.06
1135	Lalande 4761 . . .	6.8	27 19.14	68.9	2	3.664	+ 36 26 36.5	47.9	1	16.05
1136	B. A. C. 789 . . .	7.0	2 27 39.46	59.4	4	+ 3.169	+ 6 51 35.8	54.9	4	+ 16.04
1137	B. A. C. 790, (1st *) .	9.0	27 42.07	66.3	2	2.629	− 28 51 2.4	69.0	2	16.03
1138	B. A. C. 790, (2d *) .	7.0	27 42.82	65.6	3	2.629	− 28 50 56.6	69.0	2	16.03
1139	Weisse II, 455 . . .	8.1	27 50.94	64.3	3	3.121	+ 3 30 46.7	61.9	2	16.03
1140	Lacaille 787. . . .	6.2	28 12.85	64.4	2	2.738	− 22 32 33.4	69.4	2	16.01
1141	Weisse (2) II, 669 . .	5.6	2 28 13.60	68.9	2	+ 3.704	+ 38 7 36.2	69.0	2	+ 16.01
1142	Lacaille 789. . . .	6.8	28 14.14	68.9	2	2.534	− 33 43 47.6	65.5	2	16.00
1143	Weisse II, 464 . . .	6.5	28 25.79	70.9	2	3.160	+ 6 13 16.7	70.9	2	16.00
1144	O. Arg. S. 1655. . .	7.3	28 30.19	63.9	3	2.811	− 17 54 18.5	69.9	1	15.99
1145	Weisse II, 470 . . .	8.2	28 31.14	61.5	2	3.281	+ 14 32 13.0	56.7	5	15.99
1146	ν Ceti	4.5*	2 28 31.76	46.5	4	+ 3.142	+ 4 58 48.9	69.5	2	+ 15.99
1147	Weisse II, 475 . . .	8.0	28 34.41	68.9	2	2.983	− 6 17 5.3	46.9	3	15.99
1148	Weisse (2) II, 691 . .	9.0	28 50.01	60.0	2	3.368	+ 20 5 19.7	55.0	2	15.97
1149	30 Arietis	6.4	28 53.70	68.1	3	3.433	+ 24 2 9.7	61.0	3	15.97
1150	B. A. C. 797 . . .	6.0	28 56.51	67.1	3	3.433	+ 24 2 7.1	61.0	3	15.97

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			h. m. s.			"	° ′ ″			"
1151	31 Arietis	5.5*	2 29 0.15	63.3	2	+ 3.242	+ 11 50 19.8	47.8	2	+ 15.96
1152	Weisse II, 479 . . .	9.0	29 3.48	61.5	2	3.282	+ 14 34 5.7	55.9	3	15.96
1153	Lacaille 792. . . .	7.4	29 4.78	63.2	3	2.617	− 29 18 41.5	68.0	2	15.96
1154	B. A. C. 800 . . .	6.5*	29 10.23	58.9	3	3.173	+ 7 7 6.3	69.5	2	15.96
1155	O. Arg. S. 1664. . .	8.7	29 32.76	63.9	3	2.653	− 27 18 33.0	67.9	2	15.93
1156	Weisse (2) II, 702 . .	7.0*	2 29 39.	. .	.	+ 3.687	+ 37 7 7.0	46.9	1	+ 15.93
1157	Weisse (2) II, 711 . .	8.5	29 52.44	66.0	2	3.462	+ 25 35 48.2	67.9	1	15.92
1158	B. A. C. 803. . . .	5.7	30 7.05	62.8	1	2.589	− 30 39 23.0	69.5	2	15.91
1159	Lacaille 796. . . .	7.0	30 11.06	63.3	3	2.700	− 24 31 49.1	66.0	1	15.90
1160	Weisse (2) II, 718 . .	7.5	30 13.72	70.9	2	3.547	+ 30 13 17.4	70.9	2	15.90
1161	Weisse (2) II, 727 . .	9.0	2 30 28.53	63.0	1	+ 3.464	+ 25 37 56.8	67.0	2	+ 15.89
1162	81 Ceti	5.5*	30 38.74	59.3	6	3.015	− 4 0 14.4	54.0	2	15.88
1163	ν Arietis	5.0	30 52.39	68.9	2	3.392	+ 21 21 13.7	62.9	2	15.87
1164	Lacaille 802. . . .	7.4	30 59.72	63.5	2	2.607	− 29 36 9.2	69.0	2	15.86
1165	B. A. C. 809. . . .	6.0*	31 9.81	59.6	3	2.494	− 35 10 41.6	53.8	2	15.85
1166	Lacaille 803. . . .	7.1	2 31 24.51	65.8	5	+ 2.714	− 23 36 8.3	64.9	3	+ 15.84
1167	B. A. C. 810 . . .	6.0	31 31.36	64.5	2	3.217	+ 10 1 55.1	67.5	2	15.82
1168	Anonymous . . .	6.5	32 1.81	68.8	2	2.511	− 34 17 8.6	67.0	2	15.80
1169	δ Ceti	5.5	32 18.51	55.8	5	3.068	− 0 16 38.5	65.0	2	15.79
1170	Lacaille 813. . . .	6.7	32 41.96	63.3	4	2.663	− 26 20 54.5	68.0	2	15.77
1171	Anonymous . . .	7.0	2 32 46.26	64.4	2	+ 2.571	− 31 12 20.7	69.5	4	+ 15.76
1172	Anonymous . . .	9.0	32 48.88	65.9	2	3.398	+ 21 31 21.8	70.0	2	15.76
1173	B. A. C. 814. . . .	7.1	32 49.60	61.9	2	5.042	+ 67 13 31.6	67.0	1	15.76
1174	B. A. C. 817. . . .	6.8	32 52.93	68.9	2	3.152	+ 5 30 29.3	67.0	2	15.76
1175	Weisse II, 556 . . .	8.5	32 56.93	59.0	2	3.295	+ 15 4 59.6	59.9	4	15.75
1176	Lacaille 814. . . .	7.0	2 32 57.81	63.5	5	+ 2.624	− 28 25 31.7	70.1	2	+ 15.75
1177	Weisse II, 566 . . .	9.0	33 8.74	62.5	2	2.981	− 6 17 0.8	51.9	4	15.74
1178	Lacaille 816. . . .	7.1	33 12.99	62.9	2	2.665	− 26 10 29.0	69.5	2	15.74
1179	Weisse (2) II, 805 . .	8.4	33 32.47	65.9	2	3.401	+ 21 38 33.0	65.0	2	15.72
1180	Weisse II, 576 . . .	8.0	33 35.25	62.6	2	2.990	− 5 37 40.4	56.9	2	15.72
1181	Weisse II, 574 . . .	8.5	2 33 35.25	66.0	2	+ 3.010	− 4 18 44.1	68.1	2	+ 15.72
1182	Weisse II, 569 . . .	9.0	33 35.66	59.0	2	3.301	+ 15 26 15.3	54.9	2	15.72
1183	Weisse II, 580 . . .	7.1	33 45.48	68.9	2	3.152	+ 5 28 8.6	67.0	2	15.71
1184	Weisse II, 575 . . .	8.1	33 45.95	68.9	2	3.295	+ 15 2 25.0	60.3	3	15.71
1185	Weisse (2) II, 815 . .	9.0	34 2.21	69.0	2	3.441	+ 23 55 3.1	56.9	2	15.70
1186	Weisse II, 585 . . .	7.2	2 34 2.65	61.9	4	+ 3.128	+ 3 49 39.3	64.5	4	+ 15.69
1187	O. Arg. S. 1735. . .	7.0	34 3.31	67.3	2	2.567	− 31 14 8.3	69.0	2	15.69
1188	O. Arg. S. 1738. . .	7.0	34 14.90	68.9	2	2.688	− 24 44 18.8	67.0	2	15.69
1189	μ Arietis	6.0*	34 28.70	60.9	6	3.366	+ 19 24 44.3	68.0	2	15.67
1190	O. Arg. S. 1744. . .	7.7	34 40.58	64.3	2	2.794	− 18 25 17.3	68.5	2	15.66

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			h. m. s.			"	° ' "			"
1191	Anonymous . . .	8.0	2 34 40.92	69.0	2	+ 3.715	+ 37 34 9.2	49.0	1	+ 15.66
1192	Weisse II, 603 . . .	9.4	35 14.18	64.0	2	3.260	+ 12 40 3.3	70.0	2	15.64
1193	Weisse (2) II, 860 . .	8.0	35 44.98	60.0	2	3.385	+ 20 33 1.6	55.7	3	15.60
1194	O. Arg. S. 1758. . .	8.2	35 51.60	68.9	2	2.615	− 28 32 28.8	65.5	2	15.59
1195	γ Ceti	3.4*	36 3.00	55.1	167	3.111	+ 2 38 39.4	50.4	89	15.58
1196	Weisse II, 615 . . .	8.1	2 36 6.94	65.0	6	+ 3.162	+ 12 41 35.4	66.5	2	+ 15.58
1197	Lacaille 838. . . .	6.5	36 45.48	63.5	3	2.609	− 28 44 55.5	67.5	2	15.54
1198	Rumker 695 . . .	8.2	36 50.68	61.2	4	3.397	+ 21 1 11.5	58.7	4	15.54
1199	38 Arietis	5.5	37 20.19	59.9	3	3.250	+ 11 51 14.4	57.9	2	15.51
1200	Weisse II, 640 . . .	8.6	37 21.69	62.8	4	2.996	− 5 6 58.2	56.9	3	15.51
1201	μ Ceti	4.0*	2 37 22.63	59.7	4	+ 3.214	+ 9 31 16.3	69.0	2	+ 15.51
1202	π Ceti	6.0	37 27.67	69.1	1	2.854	− 14 27 10.9	69.9	2	15.51
1203	Weisse II, 639 . . .	7.0	37 29.85	66.9	2	3.261	+ 12 34 16.7	67.5	2	15.50
1204	Lacaille 846. . . .	6.7	37 39.33	68.9	3	2.611	− 28 29 42.1	65.5	2	15.49
1205	O. Arg. S. 1780. . .	9.0	37 53.22	69.9	2	2.600	− 29 1 55.9	69.9	1	15.48
1206	B. A. C. 854. . . .	6.7	2 38 1.22	63.9	2	+ 2.656	− 26 5 32.3	70.1	2	+ 15.47
1207	Weisse (2) II, 915 . .	5.8	38 19.95	68.9	2	3.677	+ 35 23 32.6	46.9	1	15.46
1208	Lalande 5112 . . .	6.3	38 43.72	69.0	3	3.719	+ 37 12 7.9	47.0	1	15.43
1209	B. A. C. 857. . . .	7.0	38 56.66	58.9	2	4.361	+ 56 26 44.9	53.9	2	15.42
1210	Lalande 5115 . . .	8.0	38 57.45	68.9	3	3.762	+ 38 54 55.1	49.0	1	15.42
1211	B. A. C. 858. . . .	6.5	2 39 12.74	58.9	2	+ 4.365	+ 56 29 49.9	53.9	3	+ 15.41
1212	Lacaille 865. . . .	7.1	39 56.39	63.4	4	2.670	− 25 5 24.1	65.5	2	15.37
1213	Weisse (2) II, 972 . .	7.0	40 25.86	64.5	2	3.468	+ 24 42 20.1	56.9	1	15.34
1214	η Persei	5.0	40 30.53	65.5	2	4.317	+ 55 18 40.4	64.2	7	15.34
1215	B. A. C. 866. . . .	6.5*	40 37.90	59.6	4	3.467	+ 24 36 5.2	58.7	4	15.33
1216	Weisse II, 694 . . .	9.0	2 40 44.64	66.5	2	+ 3.261	+ 12 21 48.5	68.1	2	+ 15.32
1217	Lalande 5181 . . .	7.0	40 52.54	68.9	2	3.703	+ 36 13 25.9	47.9	1	15.31
1218	Lacaille 873. . . .	6.5	40 52.81	63.9	2	2.609	− 23 4 21.9	67.0	2	15.31
1219	Weisse II, 702 . . .	8.2	41 7.57	66.6	2	3.263	+ 12 26 59.2	65.5	2	15.30
1220	π Arietis	6.0	41 29.09	62.6	11	3.335	+ 16 52 47.0	63.9	4	15.28
1221	41 Arietis	3.0*	2 41 45.02	56.6	7	+ 3.508	+ 26 40 50.8	67.0	2	+ 15.26
1222	16 Persei	4.7	41 45.39	55.7	5	3.743	+ 37 44 24.0	49.4	9	15.26
1223	Weisse (2) II, 1018. .	7.5	42 5.08	61.6	2	3.472	+ 24 45 3.9	62.4	2	15.25
1224	Weisse II, 724 . . .	7.8	42 32.60	64.5	2	3.275	+ 13 7 40.1	66.5	2	15.22
1225	O. Arg. S. 1834. . .	7.6	42 43.08	66.1	2	2.662	− 25 11 41.3	68.4	2	15.21
1226	Anonymous . . .	6.2	2 42 44.35	68.9	2	+ 2.476	− 34 21 58.3	65.0	3	+ 15.21
1227	Weisse II, 728 . . .	8.0	42 47.24	65.2	3	3.271	+ 12 51 59.5	68.5	2	15.21
1228	Weisse (2) II, 1038. .	8.5	42 49.11	66.0	2	3.308	+ 15 8 29.7	68.1	2	15.20
1229	17 Persei	5.5	42 54.00	68.9	2	3.671	+ 34 28 52.8	47.8	1	15.20
1230	O. Arg. S. 1838. . .	8.0	43 11.72	63.9	3	2.790	− 17 51 50.0	68.5	2	15.18

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			h. m. s.			"	° ′ ″			"
1231	β Fornacis.	4.8	2 43 13.95	69.0	2	+ 2.505	− 32 59 44.2	66.6	2	+ 15.19
1232	Weisse (2) II, 741 . .	7.2	43 25.44	59.5	2	2.959	− 7 20 52.6	54.9	2	15.17
1233	Weisse (2) II, 742 . .	8.0	43 25.48	59.5	4	2.959	− 7 23 13.9	56.0	4	15.17
1234	Lacaille 891.	7.0	43 29.82	69.4	2	2.538	− 31 23 47.1	65.5	2	15.17
1235	γ Fornacis.	6.0	43 38.83	59.9	4	2.661	− 25 8 16.1	59.4	4	15.16
1236	σ Arietis	6.0*	2 43 46.01	62.1	3	+ 3.299	+ 14 30 9.7	67.0	1	+ 15.15
1237	Weisse II, 746 . . .	8.8	43 49.47	65.2	5	3.273	+ 12 54 47.1	66.5	2	15.15
1238	B. A. C. 883 . . .	5.5	43 50.29	62.3	5	2.595	− 28 31 30.2	65.3	3	15.15
1239	Weisse II, 762 . . .	8.5	44 19.06	62.0	2	3.045	− 1 44 37.1	62.9	2	15.12
1240	τ Persei	5.0*	44 21.11	60.5	2	4.204	+ 52 11 9.7	62.3	4	15.12
1241	Lalande 5315 . . .	8.5	2 44 33.23	65.6	3	+ 2.688	− 23 36 28.5	67.4	2	+ 15.10
1242	20 Persei	5.5	44 53.41	69.4	2	3.738	+ 37 4 54.0	47.0	1	15.09
1243	Lacaille 900. . . .	7.1	45 26.16	65.4	2	2.541	− 31 0 50.8	65.0	2	15.05
1244	B. A. C. 894. . . .	5.8	46 0.61	62.6	6	2.531	− 31 23 42.4	65.5	2	15.02
1245	Weisse II, 790 . . .	7.5	46 15.32	58.8	2	3.209	+ 8 45 44.4	55.5	4	15.01
1246	Weisse II, 789 . . .	7.2	2 46 15.42	68.9	2	+ 3.287	+ 13 38 41.5	47.8	2	+ 15.01
1247	Lalande 5358 . . .	7.6	46 29.17	61.0	3	3.038	− 2 12 56.5	59.7	4	14.99
1248	Lacaille 908. . . .	6.4	47 0.21	63.8	4	2.700	− 22 39 52.0	67.5	2	14.96
1249	Lacaille 910. . . .	6.0	47 17.14	63.1	2	2.695	− 22 56 49.0	69.0	2	14.95
1250	Anonymous . . .	8.5	47 19.97	66.0	2	3.499	+ 25 35 56.3	69.9	2	14.94
1251	Rumker 742 . . .	9.0	2 47 26.94	59.0	2	+ 3.439	+ 22 21 46.6	54.3	3	+ 14.94
1252	Anonymous . . .	7.4	47 29.22	68.9	2	2.680	− 23 43 6.4	66.4	5	14.94
1253	Weisse II, 820 . . .	7.0	47 37.60	60.0	2	3.062	− 0 37 18.1	62.5	2	14.93
1254	Weisse (2) II, 1148. .	8.0	47 52.78	63.1	1	3.499	+ 25 31 17.7	61.4	2	14.91
1255	ρ^2 Arietis	6.0*	47 56.89	45.7	2	3.358	+ 17 45 42.9	69.5	2	14.90
1256	O. Arg. S. 1887. . .	8.2	2 47 58.92	68.9	2	+ 2.682	− 23 31 19.2	67.0	2	+ 14.90
1257	Weisse II, 831 . . .	6.5	48 3.50	69.0	2	3.070	− 0 7 56.5	62.5	2	14.90
1258	Anonymous . . .	9.3	48 10.76	61.3	6	3.308	+ 14 47 50.6	61.9	2	14.89
1259	Anonymous . . .	. .	48 12.43	50.0	1	3.197	+ 7 57 5.3	50.0	1	14.89
1260	Anonymous . . .	9.2	48 28.40	61.4	6	3.309	+ 14 47 44.6	59.3	3	14.88
1261	Weisse II, 841 . . .	8.3	2 48 31.55	65.0	6	+ 3.285	+ 13 20 48.9	65.0	2	+ 14.87
1262	ρ^3 Arietis	6.0*	48 32.19	56.4	13	3.354	+ 17 27 44.5	60.0	3	14.87
1263	O. Arg. S. 1901. . .	6.7	48 43.68	63.6	4	2.523	− 31 27 41.6	65.0	2	14.86
1264	B. A. C. 905. . . .	6.5*	48 44.65	59.0	2	3.195	+ 7 48 57.9	55.0	2	14.86
1265	Weisse II, 846 . . .	8.5	48 45.60	65.5	2	3.071	− 0 3 10.3	63.0	2	14.86
1266	Weisse II, 853 . . .	8.5	2 49 2.89	65.4	2	+ 3.071	− 0 2 49.5	63.5	2	+ 14.84
1267	Anonymous . . .	7.0	49 10.32	68.9	2	3.776	+ 38 2 57.5	46.5	4	14.84
1268	Lacaille 922. . . .	6.6	49 20.16	63.1	2	2.635	− 25 52 17.8	69.1	2	14.83
1269	Weisse II, 855 . . .	8.8	49 27.39	65.6	2	3.306	+ 14 34 6.4	61.5	2	14.82
1270	η Eridani	6.0	49 35.30	45.8	3	2.922	− 9 27 28.3	69.0	2	14.81

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1271	Weisse II, 866	8.5	2 49 40.75	60.4	2	+ 2.964	− 6 49 13.9	55.1	2	+ 14.81
1272	O. Arg. S. 1910	8.4	49 41.14	64.5	2	2.674	− 23 47 16.0	67.5	2	14.80
1273	Anonymous	8.0	49 53.91	69.1	2	3.783	+ 38 14 14.0	47.9	2	14.79
1274	Weisse II, 872	6.5	49 59.52	68.9	2	3.070	− 0 7 5.7	62.5	2	14.79
1275	47 Arietis	5.8	50 4.82	65.0	2	3.403	+ 20 6 14.4	68.0	2	14.78
1276	B. A. C. 908	6.0	2 50 16.79	67.3	3	+ 8.733	+ 80 55 17.6	67.0	2	+ 14.77
1277	24 Persei	5.8	50 23.77	69.1	2	3.697	+ 34 37 9.4	47.8	1	14.76
1278	Rumker 755	8.0	50 28.70	61.4	8	3.322	+ 15 25 47.6	57.4	3	14.76
1279	Weisse II, 880	8.5*	50 50.92	60.0	2	3.226	+ 9 38 25.5	54.9	2	14.74
1280	Weisse II, 881	8.6	50 54.47	62.3	3	3.308	+ 14 35 29.4	66.0	4	14.73
1281	Lacaille 932, (1st *)	7.6	2 51 3.56	63.2	2	+ 2.638	− 25 32 20.6	68.1	2	+ 14.72
1282	Lacaille 932, (2d *)	7.1	51 4.94	63.3	3	2.638	− 25 31 57.7	68.1	2	14.72
1283	4 Eridani	6.7	51 10.30	62.0	5	2.660	− 24 25 30.8	53.0	2	14.72
1284	ε Arietis	5.0*	51 12.72	62.1	18	3.417	+ 20 46 40.9	62.9	3	14.71
1285	Anonymous	9.0	51 24.75	69.1	1	3.310	+ 14 38 2.9	70.0	2	14.70
1286	O. Arg. S. 1930	7.2	2 51 28.09	68.9	2	+ 2.805	− 16 24 27.1	64.3	3	+ 14.70
1287	Anonymous	8.8	51 31.10	69.1	2	3.310	+ 14 38 39.3	54.0	1	14.70
1288	Weisse II, 893	8.0	51 41.66	60.0	2	3.227	+ 9 38 54.3	54.9	2	14.68
1289	(* 132) W.	9.8	52 7.50	68.7	4	3.295	+ 13 43	. .	.	14.66
1290	λ Ceti	6.0	52 12.87	61.7	3	3.206	+ 8 20 49.5	59.5	4	14.66
1291	Anonymous	8.3	2 52 38.12	64.3	3	+ 2.596	− 27 29 20.8	68.1	2	+ 14.63
1292	Lalande 5490	7.5*	52 45.03	70.9	2	4.734	+ 61 10 32.4	70.9	2	14.62
1293	Rumker 767	8.2	53 15.80	60.0	2	3.228	+ 9 39 11.1	62.0	2	14.59
1294	Lacaille 951	6.2	53 20.11	69.2	3	2.435	− 34 44 56.0	65.0	2	14.59
1295	B. A. C. 940	5.5	53 26.38	63.0	2	2.628	− 25 50 16.1	67.5	2	14.58
1296	B. A. C. 944	6.0*	2 53 51.84	60.0	2	+ 2.473	− 33 4 2.1	53.8	2	+ 14.56
1297	Weisse (2) II, 1293	8.2	54 0.38	61.3	4	3.335	+ 15 57 50.7	56.9	2	14.55
1298	O. Arg. S. 1968	7.3	54 43.08	64.2	4	2.577	− 28 11 39.2	67.0	2	14.50
1299	α Ceti	2.3*	54 57.87	54.3	156	3.129	+ 3 32 18.2	50.5	76	14.49
1300	Weisse II, 970	6.2	55 13.93	65.4	2	2.958	− 7 2 35.8	60.7	4	14.47
1301	Weisse II, 967	8.0	2 55 19.38	58.8	2	+ 3.201	+ 7 55 11.0	55.7	3	+ 14.47
1302	Weisse (2) II, 1322	7.8	55 21.87	61.2	4	3.456	+ 22 30 32.2	60.3	3	14.47
1303	B. A. C. 951	6.2	55 35.53	62.7	3	2.566	− 28 37 51.1	67.9	2	14.45
1304	O. Arg. S. 1977	6.5	55 36.56	68.9	2	2.758	− 18 45 37.9	65.1	2	14.45
1305	Weisse II, 976	8.5	55 49.92	64.3	3	3.302	+ 13 55 12.7	65.6	2	14.44
1306	ρ Persei	4.0	2 56 12.92	61.0	2	+ 3.805	+ 38 17 43.0	47.5	16	+ 14.41
1307	τ^3 Eridani	4.9	56 13.18	63.4	3	2.655	− 24 10 31.3	65.0	2	14.41
1308	Weisse II, 1001	8.4	57 18.18	65.6	3	3.273	+ 12 6 45.2	65.0	2	14.35
1309	ρ^2 Eridani	5.0*	57 24.06	59.5	2	2.938	− 8 9 2.4	63.0	2	14.34
1310	O. Arg. S. 2000	8.5	57 32.40	66.3	2	2.763	− 18 17 16.5	67.0	1	14.33

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1311	Lalande 5682 . . .	7.9	2 57 39.21	68.9	2	+ 3.804	+ 38 3 23.5	49.0	1	+ 14.33
1312	Anonymous . . .	8.2	57 41.68	64.4	3	3.300	+ 13 43 43.5	69.9	2	14.33
1313	Anonymous . . .	9.0	58 0.56	64.4	2	2.662	− 23 41 30.0	69.9	1	14.30
1314	Anonymous . . .	8.3	58 4.25	64.1	2	3.301	+ 13 43 21.1	68.0	3	14.30
1315	Anonymous . . .	6.5	58 36.50	67.3	3	2.415	− 34 57 23.3	68.4	3	14.26
1316	Anonymous . . .	7.0	2 58 38.11	68.9	2	+ 2.607	− 26 19 31.5	64.9	2	+ 14.27
1317	Weisse II, 1037 . .	8.8	58 54.00	58.8	2	3.310	+ 14 13 47.8	55.4	2	14.25
1318	β Persei	3.0	59 4.34	49.6	9	3.874	+ 40 24 46.9	62.6	4	14.24
1319	53 Arietis	6.0	59 33.05	61.8	8	3.366	+ 17 20 14.8	65.4	2	14.21
1320	B. A. C. 960 . . .	6.0*	59 52.34	60.4	2	12.716	+ 84 24 15.5	59.2	4	14.19
1321	κ Persei	5.0	3 0 4.15	63.2	3	+ 3.996	+ 44 19 24.6	67.0	2	+ 14.18
1322	Weisse II, 1066 . .	8.0	0 24.30	68.9	2	3.304	+ 13 44 19.1	67.5	2	14.16
1323	Weisse II, 1069 . .	7.2	0 26.90	69.0	2	3.086	+ 0 51 52.6	66.0	2	14.15
1324	Lacaille 981. . . .	8.0	0 47.91	66.4	2	2.513	− 30 31 44.1	67.0	2	14.13
1325	B. A. C. 975 . . .	7.0*	1 9.05	59.0	2	3.204	+ 7 55 42.2	55.0	2	14.11
1326	Lacaille 983. . . .	7.5	3 1 28.72	64.6	2	+ 2.457	− 32 53 31.9	67.6	2	+ 14.09
1327	B. A. C. 978 . . .	6.8	1 51.98	63.4	2	2.557	− 28 22 10.3	67.5	2	14.07
1328	Weisse III, 1 . . .	9.0	1 56.36	60.0	2	3.208	+ 8 8 36.3	55.1	2	14.06
1329	Weisse III, 20 . . .	6.2	2 0.29	69.0	2	3.264	+ 11 20 20.7	65.5	2	14.00
1330	Lacaille 988. . . .	6.3	2 6.30	66.5	2	2.502	− 30 51 12.2	68.6	2	14.05
1331	B. A. C. 980 . . .	6.5*	3 2 8.56	58.9	2	+ 3.547	+ 26 21 27.2	68.0	2	+ 14.05
1332	Lalande 5834 . . .	7.0	2 27.65	68.9	2	3.806	+ 37 32 8.3	58.6	2	14.03
1333	48 Cephei, (H.) . . .	5.5	2 42.10	69.2	3	7.287	+ 77 12 50.5	62.3	5	14.01
1334	Weisse III, 23 . . .	8.8	2 55.05	70.0	2	2.901	− 10 6 42.0	68.6	2	14.00
1335	Weisse (2) III, 45 . .	9.0	3 12.40	59.5	2	3.361	+ 16 46 10.7	55.5	2	13.98
1336	Weisse III, 26 . . .	6.8	3 3 15.18	61.8	3	+ 3.232	+ 9 28 16.6	62.0	4	+ 13.98
1337	O. Arg. S. 2073. . .	8.0	3 24.14	65.5	2	2.542	− 28 54 0.9	69.1	2	13.97
1338	Weisse III, 30 . . .	7.5	3 25.15	69.0	1	3.232	+ 9 27 24.0	68.1	2	13.97
1339	Weisse III, 35 . . .	8.5	3 35.28	65.6	2	3.210	+ 8 11 26.5	55.7	3	13.96
1340	δ Arietis	4.0*	3 37.76	62.1	63	3.406	+ 19 11 39.6	59.2	5	13.96
1341	B. A. C. 987 . . .	6.1	3 3 40.79	65.8	3	+ 3.284	+ 12 30 52.2	65.0	3	+ 13.95
1342	Weisse III, 62 . . .	8.0	4 4.96	60.0	2	3.208	+ 8 3 52.2	58.5	5	13.93
1343	Weisse (2) III, 58 . .	9.0	4 6.86	65.5	2	3.836	+ 38 26 35.7	61.0	2	13.93
1344	Weisse (2) III, 67 . .	8.2	4 23.87	65.5	2	3.837	+ 38 26 20.0	65.5	2	13.91
1345	Weisse (2) III, 75 . .	8.5	4 24.12	65.9	2	3.362	+ 16 46 14.0	55.9	2	13.91
1346	Lacaille 996. . . .	6.7	3 4 25.44	66.4	2	+ 2.638	− 24 16 20.8	64.5	4	+ 13.90
1347	Weisse III, 56 . . .	9.0	4 36.18	66.0	2	3.155	+ 4 54 14.1	67.0	2	13.89
1348	Weisse III, 90 . . .	8.0	5 42.59	68.9	2	2.933	− 8 10 39.8	56.9	2	13.82
1349	12 Eridani	3.5*	6 7.37	58.7	5	2.522	− 29 32 21.8	70.0	4	13.80
1350	Weisse III, 95 . . .	8.4	6 12.08	66.1	2	3.125	+ 3 6 41.5	68.5	2	13.79

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1351	Weisse III, 98 . . .	7.8	3 6 24.94	68.9	2	+ 3.242	+ 9 55 48.7	55.9	2	+ 13.78
1352	Lalande 5997 . . .	7.5	6 43.34	67.0	2	2.753	− 18 9 25.7	68.0	2	13.76
1353	Weisse III, 101 . .	8.1	6 45.65	66.6	2	3.289	+ 12 32 54.2	68.1	2	13.76
1354	Lacaille 1004 . . .	6.7	6 47.85	67.0	2	2.442	− 32 55 31.2	67.6	2	13.75
1355	ζ Arietis	4.6	6 51.58	64.3	37	3.436	+ 20 31 22.2	61.5	2	13.75
1356	Anonymous . . .	8.5	3 7 1.27	64.9	1	+ 2.753	− 18 8 38.3	68.0	2	+ 13.74
1357	Anonymous . . .	9.0	7 12.97	66.6	2	3.290	+ 12 37 8.6	70.0	2	13.73
1358	Weisse III, 114 . .	8.7	7 15.50	60.8	4	3.278	+ 11 54 32.3	55.4	2	13.73
1359	Lacaille 1010 . . .	7.0	7 24.31	64.0	3	2.551	− 28 6 2.0	69.0	2	13.72
1360	Anonymous . . .	7.5	7 30.59	66.0	2	2.520	− 29 29 53.7	70.0	2	13.71
1361	Weisse (2) III, 161. .	9.0	3 7 54.90	61.0	3	+ 3.504	+ 23 50 39.3	58.6	3	+ 13.68
1362	Weisse III, 139 . .	9.0	8 41.43	65.8	3	3.301	+ 13 9 53.0	66.9	3	13.63
1363	Weisse (2) III, 173 .	6.0	8 42.00	69.0	2	3.860	+ 38 45 57.4	46.9	2	13.63
1364	B. A. C. 1010 . . .	7.5	8 43.50	69.9	2	2.911	− 9 17 28.6	68.0	2	13.63
1365	B. A. C. 1012 . . .	6.4	8 58.93	64.9	2	2.580	− 26 37 15.6	64.9	2	13.62
1366	ζ Eridani	5.5	3 9 2.10	45.7	6	+ 2.910	− 9 20 30.9	68.0	2	+ 13.61
1367	Weisse III, 145 . .	9.0*	9 7.42	66.0	2	3.163	+ 5 19 30.7	67.5	2	13.61
1368	Weisse (2) III, 196 .	7.5	9 18.40	59.0	2	3.374	+ 17 3 19.2	69.0	2	13.59
1369	Lacaille 1026 . . .	6.0	9 18.89	65.5	2	2.530	− 28 51 57.4	66.0	2	13.59
1370	Anonymous . . .	9.0	9 55.35	68.9	2	3.328	+ 14 34 48.5	65.5	2	13.57
1371	Anonymous . . .	9.5	3 10 7.89	62.0	1	+ 3.507	+ 23 48 35.8	70.1	1	+ 13.54
1372	Weisse III, 168 . .	8.1	10 8.35	63.0	5	3.306	+ 13 19 50.0	64.4	3	13.54
1373	B. A. C. 1019 . . .	6.0*	10 25.11	61.2	6	2.470	− 31 20 46.0	57.2	4	13.54
1374	Weisse (2) III, 216 .	7.7	10 25.12	66.1	2	3.386	+ 17 39 36.1	67.6	2	13.54
1375	Weisse III, 172 . .	8.0	10 33.63	58.9	2	3.288	+ 12 18 31.4	57.6	4	13.54
1376	Weisse III, 173 . .	7.1	3 10 39.37	64.1	2	+ 3.331	+ 14 40 22.4	65.1	2	+ 13.51
1377	O. Arg. S. 2173 . .	8.9	11 0.96	69.1	2	2.733	− 18 54 21.1	66.5	2	13.48
1378	Lacaille 1041 . . .	6.4	11 8.98	64.9	2	2.630	− 24 2 10.1	64.9	2	13.48
1379	Lacaille 1048 . . .	7.2	11 50.53	64.0	2	2.569	− 26 51 59.5	67.0	2	13.43
1380	ι Persei	6.0*	12 4.62	63.0	2	3.993	+ 42 49 13.0	67.1	2	13.42
1381	60 Arietis	6.2	3 12 8.07	66.9	3	+ 3.539	+ 25 9 19.5	65.0	2	+ 13.41
1382	Weisse III, 205 . .	8.0	12 8.88	60.7	2	3.299	+ 12 51 58.4	56.3	3	13.41
1383	15 Eridani	6.0	12 10.80	66.4	2	2.649	− 23 1 30.7	68.1	2	13.41
1384	Weisse (2) III, 255 .	8.3	12 13.55	65.3	4	3.341	+ 15 8 49.3	66.5	2	13.41
1385	O. Arg. S. 2189, (1st *)	6.8	12 17.74	68.9	2	2.728	− 19 4 11.8	64.5	2	13.40
1386	O. Arg. S. 2189, (2d *)	8.4	3 12 18.08	68.9	2	+ 2.728	− 19 4 11.8	64.5	2	+ 13.40
1387	Anonymous . . .	8.5	12 35.61	64.4	2	3.488	+ 22 40 30.2	68.6	2	13.38
1388	Weisse III, 224 . .	8.5	13 2.15	60.0	2	3.222	+ 8 31 35.6	69.0	2	13.35
1389	Weisse III, 228 . .	9.0	13 4.55	65.6	4	3.010	− 3 31 39.7	69.5	2	13.35
1390	τ^1 Arietis	5.5	13 8.97	61.2	7	3.448	+ 20 38 21.8	58.1	2	13.35

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			h. m. s.			″	° ′ ″			″
1391	τ^4 Eridani	4.4	3 13 17.46	69.0	2	+ 2.663	− 22 16 8.6	64.9	2	+ 13.33
1392	B. A. C. 1039 . . .	5.2	13 28.67	68.9	2	2.614	− 24 37 55.8	65.0	2	13.32
1393	Weisse III, 233 . .	8.3	13 42.31	66.1	2	3.250	+ 10 7 24.1	61.9	2	13.31
1394	Weisse III, 240 . .	8.1	13 47.69	65.6	4	3.009	− 3 37 2.2	68.6	2	13.30
1395	Rumker 845 . . .	9.0	13 55.36	65.4	2	3.523	+ 24 14 45.4	61.9	2	13.30
1396	Anonymous . . .	9.0	3 14 0.70	65.0	2	+ 3.228	+ 8 51 22.1	70.0	2	+ 13.29
1397	Weisse III, 251 . .	8.5	14 16.03	61.4	2	3.226	+ 8 43 41.6	57.6	4	13.27
1398	α Persei	2.0*	14 20.70	51.2	108	4.240	+ 49 21 34.0	48.4	78	13.27
1399	Lacaille 1055 . . .	7.1	14 21.60	69.0	2	2.612	− 24 37 17.9	68.0	3	13.27
1400	τ^3 Arietis	5.3	14 42.15	69.0	2	3.442	+ 20 14 19.3	65.0	2	13.24
1401	B. A. C. 1046 . . .	6.8	3 14 44.96	63.0	2	+ 2.565	− 26 47 58.7	68.0	2	+ 13.24
1402	B. A. C. 1047 . . .	7.0	14 46.47	63.0	2	2.558	− 27 6 51.9	70.0	1	13.24
1403	B. A. C. 1049 . . .	6.0	15 17.15	64.3	5	2.621	− 24 8 23.3	67.5	2	13.21
1404	Anonymous . . .	9.0	15 26. . .	.		3.540	+ 24 55 39.3	69.5	2	13.19
1405	64 Arietis	5.5*	16 2.75	52.4	4	3.526	+ 24 13 31.8	57.0	3	13.16
1406	B. A. C. 1054 . . .	6.0	3 16 15.10	69.0	2	+ 2.576	− 26 5 27.9	66.0	2	+ 13.14
1407	65 Arietis	5.8	16 22.08	66.0	2	3.446	+ 20 18 13.9	67.1	2	13.13
1408	Weisse III, 278 . .	7.2	16 27.56	60.4	2	2.925	− 8 17 13.4	57.0	2	13.13
1409	Weisse (2) III, 351 .	9.0	16 43.86	60.3	2	3.543	+ 24 56 21.1	62.0	2	13.11
1410	O. Arg. S. 2237. . .	7.2	16 53.04	64.5	2	2.744	− 17 56 30.2	67.0	2	13.10
1411	o Tauri	4.5*	3 17 16.94	66.2	4	+ 3.224	+ 8 32 0.4	60.5	7	+ 13.07
1412	Weisse III, 295 . .	8.0	17 23.58	62.5	4	3.242	+ 9 30 43.9	61.0	3	13.07
1413	Weisse III, 299 . .	9.0	17 38.94	64.4	2	3.236	+ 9 11 38.8	55.1	2	13.05
1414	B. A. C. 1058 . . .	4.0*	17 45.74	45.5	5	4.793	+ 59 26 52.9	69.0	2	13.04
1415	Lacaille 1079 . . .	7.7	17 46.30	64.0	2	2.522	− 28 25 45.7	68.5	2	13.04
1416	O. Arg. S. 2245 . .	6.6	3 17 53.55	64.2	4	+ 2.673	− 21 25 43.5	66.5	2	+ 13.03
1417	Weisse III, 306 . .	9.0	17 57.24	61.3	2	3.309	+ 13 7 30.6	59.7	3	13.03
1418	Lalande 6326 . . .	8.0	18 0.08	69.0	2	2.724	− 18 58 15.2	65.0	2	13.03
1419	Weisse (2) III, 376 .	8.0*	18 23.29	62.1	2	3.855	+ 37 33 9.9	61.0	2	13.00
1420	Weisse III, 316 . .	9.0	18 25.72	67.5	2	3.197	+ 7 0 8.5	67.0	2	13.00
1421	B. A. C. 1063 . . .	7.0	3 18 51.06	59.4	2	+ 4.260	+ 49 21 29.5	63.4	3	+ 12.97
1422	Weisse (2) III, 393 .	7.5	19 3.95	59.0	2	3.409	+ 18 15 49.4	56.1	1	12.95
1423	Anonymous . . .	9.2	19 13.09	64.1	1	3.164	+ 5 9 . .	.		12.94
1424	ζ Tauri	4.0*	19 35.13	55.2	7	3.238	+ 9 14 30.5	58.0	8	12.92
1425	Weisse III, 334 . .	6.5	19 36.20	65.0	2	3.294	+ 12 14 38.2	68.6	2	12.92
1426	Anonymous . . .	6.0	3 19 40.83	66.9	2	+ 2.533	− 27 45 58.6	66.5	2	+ 12.91
1427	Weisse III, 343 . .	7.0	20 7.60	69.0	2	3.221	+ 8 16 32.3	70.1	1	12.89
1428	66 Arietis	6.5*	20 16. . .	.		3.403	+ 22 19 6.6	58.1	1	12.87
1429	B. A. C. 1073 . . .	6.0	20 27.99	63.5	5	2.531	− 27 48 40.1	66.5	2	12.86
1430	Anonymous . . .	8.8	20 38.28	65.1	2	3.295	+ 12 13 28.2	70.1	1	12.85

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			h. m. s.			"	° ′ ″			"
1431	Anonymous		3 20 52.18	66.4	3	+ 3.845	+ 36 56 52.7	69.1	2	+ 12.83
1432	Lacaille 1102 . . .	7.7	20 53.53	64.0	2	2.501	− 29 3 12.0	68.5	2	12.83
1433	Weisse (2) III, 420. .	8.5	20 54.80	69.1	2	3.844	+ 36 55 41.1	68.4	3	12.83
1434	B. A. C. 1061 . . .	6.0*	21 2.12	62.4	10	18.532	+ 86 11 44.1	65.5	4	12.82
1435	Rumker 870 . . .	8.0	21 48.02	59.5	2	3.412	+ 18 16 15.9	55.6	2	12.77
1436	Anonymous . . .	9.2	3 21 50.96	59.5	2	+ 3.244	+ 9 28 16.7	55.0	3	+ 12.77
1437	Anonymous . . .	9.0	22 3.18	69.1	1	3.169	+ 5 23 31.1	69.5	2	12.75
1438	Lacaille 1108 . . .	6.0	22 8.07	67.1	2	2.317	− 36 10 13.3	69.0	2	12.75
1439	Anonymous . . .	8.8	22 11.95	67.4	3	3.170	+ 5 26 9.2	69.5	2	12.74
1440	Rumker, N. F., 875 .	8.0	22 32.55	67.4	2	3.300	+ 12 25 10.5	69.0	2	12.74
1441	Anonymous . . .	9.5	3 22 42.98	69.0	1	+ 2.729	− 18 21 4.0	70.0	1	+ 12.71
1442	Groombridge 698 . .	7.3	22 44.41	62.9	4	4.012	+ 42 16 5.3	67.6	2	12.71
1443	Lacaille 1111 . . .	7.0	22 47.40	67.1	2	2.311	− 36 20 26.8	70.1	2	12.70
1444	Weisse (2) III, 461 .	8.2	22 53.18	63.7	3	3.852	+ 36 59 43.7	65.7	3	12.70
1445	Rumker 879 . . .	7.5	22 55.32	61.4	5	3.415	+ 18 19 10.3	62.6	2	12.70
1446	Weisse (2) III, 464. .	9.5	3 22 59.50	61.1	1	+ 3.853	+ 37 2 3.6	66.4	3	+ 12.69
1447	*f* Tauri.	4.5	23 8.87	62.7	7	3.301	+ 12 27 13.8	64.1	3	12.68
1448	O. Arg. S. 2311. . .	6.7	23 28.56	63.8	7	2.611	− 23 57 39.4	65.0	4	12.66
1449	17 Eridani	4.5*	23 40.28	45.8	4	2.971	− 5 33 28.0	68.0	1	12.65
1450	Lacaille 1114 . . .	7.0	23 40.36	66.1	2	2.632	− 22 59 23.1	68.0	2	12.65
1451	Weisse (2) III, 493. .	8.0	3 23 44.27	64.5	2	+ 3.416	+ 18 19 12.5	56.5	2	+ 12.64
1452	Anonymous . . .	9.5	23 44.30	66.5	2	3.200	+ 7 3 4.4	70.0	2	12.64
1453	Weisse III, 428. . .	7.8	24 34.96	61.5	3	3.202	+ 7 5 17.6	61.9	2	12.58
1454	Lacaille 1121 . . .	7.5	24 48.41	69.1	2	2.508	− 28 24 24.2	65.0	2	12.57
1455	Weisse III, 442. . .	7.0	25 13.46	59.9	2	2.919	− 8 19 4.8	56.9	2	12.55
1456	Weisse III, 447. . .	7.2	3 25 35.36	60.0	2	+ 3.319	+ 13 18 26.9	56.0	2	+ 12.51
1457	Weisse III, 456. . .	7.0	25 36.79	68.9	2	2.905	− 9 4 14.4	47.0	2	12.51
1458	Lacaille 1127 . . .	6.8	25 53.14	63.3	3	2.366	− 34 1 30.7	66.5	2	12.49
1459	Lacaille 1124 . . .	6.0	25 54.57	69.0	1	2.560	− 26 5 28.2	64.5	4	12.50
1460	Weisse (2) III, 528. .	7.5	25 58.01	69.0	2	3.892	+ 38 6 49.8	46.3	3	12.49
1461	7 Tauri	5.5	3 26 9.48	66.0	2	+ 3.538	+ 23 59 30.2	67.5	2	+ 12.48
1462	B. A. C. 1097 . . .	7.0*	26 18.05	58.9	2	3.690	+ 30 32 44.6	54.0	2	12.46
1463	ε Eridani	4.1	26 20.10	61.1	21	2.888	− 9 56 2.8	62.8	2	12.46
1464	Lacaille 1128 . . .	6.5	26 24.64	62.5	2	2.581	− 25 5 36.6	67.0	2	12.46
1465	O. Arg. S. 2343. . .	8.5	26 28.42	65.0	1	2.558	− 26 8 2.9	65.0	2	12.46
1466	Anonymous. . . .		3 26 . . .	.		+ 3.708	+ 31 14 0.7	70.0	1	+ 12.45
1467	Anonymous. . . .	8.7	26 39.66	64.0	2	3.710	+ 31 19 13.0	67.0	1	12.44
1468	Weisse III, 474. . .	8.8	26 46.66	60.0	2	3.328	+ 13 42 8.8	55.5	2	12.43
1469	B. A. C. 1101 . . .	7.2	26 55.88	62.2	3	3.708	+ 31 12 33.4	57.2	4	12.42
1470	Lacaille 1134 . . .	6.2	28 12.83	64.5	2	2.438	− 31 6 1.1	68.9	2	12.33

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			h. m. s.			"	° ′ ″			"
1471	B. A. C. 1105 . . .	6.0*	3 28 33.11	64.9	2	+ 4.026	+ 42 7 5.6	54.0	2	+ 12.31
1472	Weisse III, 517. . .	9.0	28 40.40	59.0	2	3.334	+ 13 59 20.6	56.0	2	12.30
1473	9 Tauri	6.0*	28 44 40	60.7	14	3.515	+ 22 44 42.6	67.6	2	12.30
1474	Lacaille 1137 . . .	6.2	28 53.96	63.2	4	2.555	− 26 3 13.9	67.5	2	12.29
1475	B. A. C. 1109 . . .	6.0*	28 56.92	61.0	3	2.403	− 32 20 41.4	65.0	2	12.28
1476	Anonymous . . .	9.5	3 29 10.63	69.4	2	+ 2.903	− 9 5 46.8	47.1	1	+ 12.26
1477	B. A. C. 1110 . . .	6.5*	29 36.40	60.0	2	3.074	+ 0 7 42.1	54.1	2	12.24
1478	10 Tauri	5.0	29 43.72	66.6	2	3.071	− 0 2 48.9	68.0	2	12.23
1479	Anonymous. . . .	8.5	29 46.13	69.1	2	3.628	+ 27 40 44.0	61.6	2	12.23
1480	Anonymous. . . .	7.7	29 53.51	69.1	2	2.707	− 19 0 48.7	64.0	2	12.22
1481	O. Arg. S. 2388. . .	8.8	3 29 56.02	69.5	2	+ 2.600	− 23 58 59.0	65.3	3	+ 12.22
1482	B. A. C. 1111 . . .	5.5*	30 2.61	70.9	2	5.132	+ 62 45 29.8	70.9	2	12.20
1483	Weisse (2) III, 639 . .	7.7	30 8.24	60.3	3	3.435	+ 18 53 51.7	56.0	2	12.20
1484	Weisse (2) III, 657. .	7.0	31 16.40	49.0	2	3.781	+ 33 39 27.2	68.0	2	12.12
1485	Weisse III, 575. . .	8.1	31 25.76	55.4	2	3.114	+ 2 16 3.8	66.1	2	12.11
1486	Weisse III, 569. . .	6.9	3 31 30.01	69.1	2	+ 3.327	+ 13 26 10.2	46.0	1	+ 12.11
1487	B. A. C. 1119 . . .	7.0	31 31.96	64.1	4	3.378	+ 16 4 43.3	64.1	2	12.10
1488	Weisse (2) III, 669, (1st*)	9.0	31 36.79	69.0	2	3.925	+ 38 39 56.5	46.0	3	12.10
1489	Weisse (2) III, 669, (2d*)	8.0	31 37.31	69.0	2	3.925	+ 38 39 37.8	46.0	3	12.10
1490	Weisse III, 580 . .	6.9	31 37.91	64.9	3	3.115	+ 2 8 13.7	66.5	2	12.10
1491	Anonymous. . . .	9.0	3 31 46.07	70.0	2	+ 2.629	− 22 33 28.3	66.5	2	+ 12.08
1492	Anonymous. . . .	. .	31 47.	. .	.	2.496	− 28 21 48.5	71.0	1	12.08
1493	B. A. C. 1123 . . .	5.0	32 1.60	69.0	2	3.881	+ 37 7 29.5	46.4	3	12.07
1494	11 Tauri	8.0	32 24.93	61.5	7	3.568	+ 24 52 24.0	65.4	3	12.04
1495	Lacaille 1160 . . .	7.0	32 32.36	64.0	4	2.410	− 31 45 38.5	67.6	2	12.03
1496	12 Tauri	6.0*	3 32 33.84	45.8	2	+ 3.121	+ 2 35 58.1	69.9	2	+ 12.03
1497	B. A. C. 1130 . . .	6.0	32 58.33	61.3	7	2.493	− 28 24 10.4	54.0	2	12.00
1498	δ Persei	3.0	32 58.43	54.4	4	4.234	+ 47 20 10.0	65.6	6	12.00
1499	Weisse (2) III, 721. .	8.0	33 23.45	65.0	2	3.440	+ 18 56 5.2	65.0	3	11.97
1500	o Persei	4.0*	33 30.73	55.7	3	3.782	+ 33 30 45.3	63.0	3	11.96
1501	Weisse (2) III, 733. .	8.0	3 34 3.16	59.0	2	+ 3.599	+ 26 7 20.4	63.1	4	+ 11.93
1502	Radcliffe 1041 . . .	6.5	34 4.65	66.0	2	4.269	+ 48 4 27.1	68.0	2	11.93
1503	Lacaille 1171 . . .	6.5	34 6.70	63.5	4	2.477	− 28 57 45.5	65.5	2	11.92
1504	Rumker 940 . . .	8.5	34 22.27	59.6	3	3.348	+ 14 20 24.3	60.6	6	11.90
1505	Lacaille 1176 . . .	7.0	34 38.11	67.0	2	2.318	− 35 0 0.7	67.4	2	11.89
1506	Weisse (2) III, 750. .	8.0*	3 34 48.47	69.1	2	+ 3.911	+ 37 55 30.9	56.0	7	+ 11.87
1507	Anonymous . . .	9.0	34 50.79	69.3	4	3.328	+ 13 21 4.5	58.0	2	11.87
1508	Weisse (2) III, 751 . .	8.0*	34 51.00	69.1	2	3.911	+ 37 55 32.4	69.4	3	11.87
1509	Lacaille 1177 . . .	7.0	35 1.10	63.0	3	2.488	− 28 25 17.9	68.7	3	11.86
1510	61 Pleiadum	. .	35 24.16	69.2	4	3.551	+ 23 55 41.3	65.6	2	11.83

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			h. m. s.			″	° ′ ″			″
1511	61 Pleiadum, (Eq.)		3 35 24.24	66.1	5	+ 3.551	+ 23 55 38.1	66.1	5	+ 11.83
1512	Lalande 6820	5.5	35 28.41	69.9	2	3.856	+ 36 0 52.5	58.6	2	11.84
1513	64 Pleiadum, (Eq.)		35 30.17	65.8	5	3.544	+ 23 35 29.8	65.8	5	11.82
1514	77 Pleiadum, (Eq.)		35 32.10	65.9	5	3.548	+ 23 47 59.0	65.9	5	11.82
1515	o Persei	5.2	35 32.70	69.5	2	3.743	+ 31 50 28.1	57.8	2	11.82
1516	72 Pleiadum, (Eq.)		3 35 37.21	65.9	5	+ 3.549	+ 23 48 10.8	65.9	5	+ 11.82
1517	112 Pleiadum, (Eq.)		35 40.13	66.1	5	3.556	+ 24 6 41.4	66.1	5	11.82
1518	65 Pleiadum, (Eq.)		35 41.36	65.9	5	3.546	+ 23 42 5.5	65.9	5	11.81
1519	91 Pleiadum, (Eq.)		35 42.35	65.9	3	3.548	+ 23 45 24.9	65.9	3	11.81
1520	75 Pleiadum, (Eq.)		35 42.37	65.9	4	3.540	+ 23 26 8.8	65.9	4	11.81
1521	106 Pleiadum, (Eq.)		3 35 43.13	66.1	5	+ 3.558	+ 24 11 53.7	66.1	5	+ 11.81
1522	78 Pleiadum, (Eq.)		35 46.15	65.9	5	3.549	+ 23 49 44.7	65.9	5	11.81
1523	73 Pleiadum, (Eq.)		35 51.74	65.9	5	3.549	+ 23 48 2.6	65.9	5	11.80
1524	94 Pleiadum, (Eq.)		35 54.08	66.1	5	3.552	+ 23 57 27.5	66.1	5	11.80
1525	69 Pleiadum, (Eq.)		35 54.95	65.9	3	3.544	+ 23 35 9.1	65.9	3	11.80
1526	70 Pleiadum, (Eq.)		3 35 56.80	65.9	3	+ 3.546	+ 23 39 25.5	65.9	3	+ 11.79
1527	74 Pleiadum, (Eq.)		35 58.04	65.9	5	3.550	+ 23 49 37.4	65.9	5	11.79
1528	Lacaille 1186	7.2	35 58.20	63.6	2	2.565	− 25 6 7.1	67.0	2	11.79
1529	107 Pleiadum, (Eq.)		35 59.50	66.1	6	3.563	+ 24 25 43.2	66.1	6	11.79
1530	98 Pleiadum, (Eq.)		36 0.98	66.1	3	3.549	+ 23 48 49.9	66.1	3	11.79
1531	O. Arg. S. 2468.	8.5	3 36 1.76	64.0	3	+ 2.597	− 23 41 45.1	64.9	2	+ 11.79
1532	Rumker, N. F., 952	9.0	36 5.10	67.1	2	3.547	+ 23 41 17.6	64.1	2	11.78
1533	66 Pleiadum, (Eq.)		36 5.25	65.9	5	3.547	+ 23 41 19.2	65.9	5	11.78
1534	60 Pleiadum, (Eq.)		36 6.21	65.0	2	3.553	+ 23 57 3.5	65.0	2	11.78
1535	95 Pleiadum, (Eq.)		36 6.52	66.1	5	3.553	+ 23 56 57.5	66.1	5	11.78
1536	103 Pleiadum, (Eq.)		3 36 15.49	66.1	5	+ 3.556	+ 24 5 57.7	66.1	5	+ 11.77
1537	109 Pleiadum, (Eq.)		36 20.15	66.1	3	3.563	+ 24 22 29.4	66.1	3	11.75
1538	79 Pleiadum, (Eq.)		36 25.29	65.9	5	3.550	+ 23 47 10.7	65.9	5	11.76
1539	71 Pleiadum, (Eq.)		36 26.34	65.9	2	3.547	+ 23 37 1.9	65.9	2	11.76
1540	16 Tauri.	6.0	36 29.22	66.4	5	3.551	+ 23 50 44.7	65.1	4	11.75
1541	92 Pleiadum, (Eq.)		3 36 30.78	65.9	3	+ 3.548	+ 23 43 5.9	65.9	3	+ 11.75
1542	17 Tauri.	4.5*	36 34.05	61.5	25	3 547	+ 23 40 12.8	64.1	9	11.75
1543	96 Pleiadum, (Eq.)		36 36.90	66.1	5	3.554	+ 23 59 22.2	66.1	5	11.74
1544	76 Pleiadum, (Eq.)		36 36.91	65.9	4	3.543	+ 23 28 36.9	65.9	4	11.75
1545	B. A. C. 1150	5.0*	36 40.94	61.0	2	2.384	− 32 23 14.9	68.1	1	11.74
1546	Anonymous		3 36 46.	. .	.	+ 3.551	+ 23 49 17.3	67.1	2	+ 11.73
1547	57 Pleiadum, (Eq.)		36 47.69	64.9	6	3.551	+ 23 49 12.2	64.9	6	11.73
1548	97 Pleiadum, (Eq.)		36 48.16	66.1	5	3.538	+ 23 15 35.1	66.1	5	11.73
1549	18 Tauri.	7.0*	36 48.83	69.1	2	3.564	+ 24 23 48.6	69.1	2	11.73
1550	101 Pleiadum, (Eq.)		36 50.37	66.2	5	3.556	+ 24 2 27.1	66.2	5	11.73

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			h. m. s.			"	° ′ ″			"
1551	19 Tauri	5.2	3 36 52.76	69.1	2	+ 3.556	+ 24 1 28.5	69.4	3	+ 11.73
1552	104 Pleiadum, (Eq.) . .	. .	36 57.15	66.2	4	3.561	+ 24 16 52.8	66.2	4	11.72
1553	110 Pleiadum, (Eq.) . .	. .	36 59.74	66.1	3	3.556	+ 24 28 47.0	66.1	3	11.72
1554	93 Pleiadum, (Eq.) . .	. .	37 1.16	65.9	3	3.549	+ 23 44 10.9	65.9	3	11.72
1555	A.1 Pleiadum	. .	37 7.73	65.8	3	3.546	+ 23 35 36.9	64.1	5	11.71
1556	A.1 Pleiadum, (Eq.) . .	. .	3 37 7.94	64.3	17	+ 3.546	+ 23 35 34.4	64.3	17	+ 11.71
1557	53 Pleiadum, (Eq.) . .	. .	37 14.63	64.9	3	3.556	+ 24 1 20.2	64.9	3	11.70
1558	A.2 Pleiadum, (Eq.) . .	. .	37 14.78	66.2	4	3.556	+ 24 1 17.3	66.2	4	11.70
1559	62 Pleiadum, (Eq.) . .	. .	37 14.87	65.8	10	3.556	+ 24 1 20.6	65.8	10	11.70
1560	52 Pleiadum, (Eq.) . .	. .	37 18.46	64.9	5	3.554	+ 23 54 29.7	64.9	5	11.70
1561	A.4 Pleiadum, (Eq.) . .	. .	3 37 18.55	65.8	4	+ 3.553	+ 23 53 41.0	67.5	2	+ 11.70
1562	99 Pleiadum, (Eq.) . .	. .	37 19.95	66.2	4	3.560	+ 24 11 10.2	66.2	4	11.69
1563	A.6 Pleiadum, (Eq.) . .	. .	37 22.12	65.9	5	3.552	+ 23 50 48.6	65.9	5	11.69
1564	105 Pleiadum, (Eq.) . .	. .	37 23.98	66.2	5	3.562	+ 24 16 17.1	66.2	5	11.69
1565	63 Pleiadum, (Eq.) . .	. .	37 25.43	65.8	4	3.551	+ 23 46 41.6	65.8	4	11.69
1566	58 Pleiadum, (Eq.) . .	. .	3 37 25.49	65.0	3	+ 3.551	+ 23 46 39.5	65.0	3	+ 11.69
1567	Lacaille 1196 . . .	7.0*	37	. .	.	2.407	− 31 27 54.4	70.0	1	11.69
1568	Lalande 6888, (1st *) .	. .	37 29.75	70.9	2	4.018	+ 41 1 53.0	71.0	3	11.68
1569	20 Tauri	5.0	37 30.09	69.0	3	3.554	+ 23 55 37.5	64.1	2	11.68
1570	Lalande 6888, (2d *) .	. .	37 30.33	70.9	2	4 018	+ 41 2 0.0	71.0	2	11.68
1571	A.7 Pleiadum	. .	3 37 33.11	65.8	3	+ 3.547	+ 23 35 53.9	64.1	4	+ 11.68
1572	21 Tauri	6.0	37 34.34	69.5	3	3.559	+ 24 6 52.0	69.1	2	11.68
1573	111 Pleiadum, (Eq.) . .	. .	37 42.39	66.1	3	3.565	+ 24 22 57.7	66.1	3	11.67
1574	22 Tauri	7.0*	37 43.	65.8	7	3.558	+ 24 5 14.4	70.1	1	11.67
1575	67 Pleiadum, (Eq.) . .	. .	37 45.70	65.9	5	3.547	+ 23 36 13.4	65.9	5	11.66
1576	68 Pleiadum, (Eq.) . .	. .	3 37 49.75	65.9	5	+ 3.548	+ 23 37 12.7	65.9	5	+ 11.66
1577	O. Arg. S. 2488. . .	9.0	37 47.17	70.0	2	2.624	− 22 22 54.7	64.9	1	11.66
1578	A.8 Pleiadum	8.5	37 54.66	66.0	6	3.551	+ 23 45 20.9	64.5	2	11.65
1579	A.8 Pleiadum, (Eq.) . .	. .	37 54.85	63.5	19	3.551	+ 23 45 21.7	63.5	19	11.65
1580	A.9 Pleiadum	8.5	37 56.90	65.8	6	3.551	+ 23 45 0.7	67.1	2	11.65
1581	23 Tauri	6.5	3 38 1.29	66.6	4	+ 3.546	+ 23 30 31.5	63.9	9	+ 11.65
1582	100 Pleiadum, (Eq.) . .	. .	38 2.64	66.2	4	3.560	+ 24 7 52.6	66.2	4	11.64
1583	A.10 Pleiadum	. .	38 7.96	66.2	5	3.553	+ 23 48 57.2	67.1	2	11.64
1584	A.10 Pleiadum, (Eq.) . .	. .	38 8.06	64.1	26	3.553	+ 23 48 56.6	64.1	26	11.64
1585	108 Pleiadum , (Eq.) . .	. .	38 11.09	66.2	5	3.567	+ 24 25 47.3	66.2	5	11.63
1586	O. Arg. S. 2495. . .	7.3	3 38 12.40	64.0	3	+ 2.467	− 29 4 19.3	67.6	2	+ 11.63
1587	80 Pleiadum, (Eq.) . .	. .	38 14.25	65.9	4	3.544	+ 23 25 15.0	65.9	4	11.63
1588	84 Pleiadum, (Eq.) . .	. .	38 16.74	65.9	4	3.546	+ 23 31 21.7	65.9	4	11.63
1589	81 Pleiadum, (Eq.) . .	. .	38 19.66	65.9	4	3.542	+ 23 20 53.0	65.9	4	11.63
1590	A.11 Pleiadum, (Eq.) . .	. .	38 20.58	64.1	31	3.550	+ 23 40 23.4	64.1	31	11.62

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
1591	51 Pleiadum, (Eq.). .	. .	3 38 22.58	64.8	1	+ 3.537	+ 23 6 58.4	64.8	1	+ 11.62
1592	59 Pleiadum, (Eq.). .	. .	38 24.54	65.0	1	3.553	+ 23 49 12.3	65.0	1	11.62
1593	B. A. C. 1163 . .	6.5	38 39.10	66.1	2	3.559	+ 24 4 56.4	68.7	3	11.60
1594	106 Pleiadum, (Eq.). .	. .	38 43.13	66.2	5	3.562	+ 24 11 53.7	66.2	5	11.59
1595	A. 13 Pleiadum . . .	. .	38 45.59	68.1	3	3.548	+ 23 33 25.3	64.1	1	11.59
1596	A. 13 Pleiadum, (Eq.). .	. .	3 38 45.71	64.3	19	+ 3.548	+ 23 33 26.5	64.3	19	+ 11.59
1597	O. Arg. S. 2504 . .	7.6.	38 49.52	70.0	2	2.590	− 23 49 15.7	67.5	2	11.59
1598	54 Pleiadum, (Eq.). .	. .	38 50.49	64.9	4	3.554	+ 23 50 25.9	64.9	4	11.59
1599	82 Pleiadum, (Eq.). .	. .	38 52.24	65.9	4	3.543	+ 23 20 30.8	65.9	4	11.58
1600	A. 15 Pleiadum . . .	. .	38 57.47	66.3	3	3.551	+ 23 41 32.4	67.1	2	11.58
1601	A. 15 Pleiadum, (Eq.). .	. .	3 38 57.54	63.8	10	+ 3.551	+ 23 41 30.1	63.8	10	+ 11.58
1602	83 Pleiadum, (Eq.). .	. .	38 58.65	65.9	4	3.544	+ 23 23 15.8	65.9	4	11.58
1603	A. 46 Pleiadum, (Eq.). .	. .	38 58.79	63.9	3	3.546	+ 23 28 29.6	63.9	3	11.58
1604	A. 17 Pleiadum . . .	. .	38 59.93	70.1	1	3.542	+ 23 17 18.2	68.1	2	11.58
1605	A. 18 Pleiadum . . .	. .	39 0.28	65.8	4	3.551	+ 23 42 9.8	70.9	1	11.58
1606	A. 17 Pleiadum, (Eq.). .	. .	3 39 0.30	64.8	6	+ 3.542	+ 23 17 17.5	64.8	6	+ 11.58
1607	A. 18 Pleiadum, (Eq.). .	. .	39 0.35	63.8	10	3.551	+ 23 42 9.0	63.8	10	11.58
1608	24 Tauri.	8.3	39 2.02	62.9	27	3.551	+ 23 40 48.3	55.2	14	11.57
1609	Weisse (2) III, 862 .	9.0*	39 2.84	65.8	3	3.677	+ 28 58 21.2	65.1	1	11.57
1610	A. 20 Pleiadum . . .	. .	39 3.	. .	.	3.562	+ 24 9 6.8	68.0	1	11.57
1611	A. 19 Pleiadum, (Eq.). .	. .	3 39 3.19	64.8	16	+ 3.544	+ 23 22 0.2	64.8	16	+ 11.57
1612	A. 20 Pleiadum, (Eq.). .	. .	39 3.48	66.2	4	3.562	+ 24 9 8.4	66.2	4	11.57
1613	49 Pleiadum, (Eq.). .	. .	39 5.60	64.8	2	3.538	+ 23 6 40.1	64.8	2	11.57
1614	A. 22 Pleiadum . . .	. .	39 6.	. .	.	3.546	+ 23 28 38.2	69.0	3	11.57
1615	A. 22 Pleiadum, (Eq.). .	. .	39 6.02	63.8	10	3.546	+ 23 28 40.8	63.8	10	11.57
1616	A. 21 Pleiadum, (Eq.). .	. .	3 39 6.06	66.2	4	+ 3.563	+ 24 13 19.0	66.2	4	+ 11.57
1617	Anonymous. . .	8.5	39 8.31	66.3	3	3.289	+ 11 14 7.1	60.7	3	11.57
1618	50 Pleiadum, (Eq.). .	. .	39 8.51	64.8	2	3.538	+ 23 6 13.1	64.8	2	11.57
1619	102 Pleiadum, (Eq.). .	. .	39 8.76	66.2	5	3.561	+ 24 7 10.0	66.2	5	11.57
1620	A. 23 Pleiadum . . .	. .	39 9.	. .	.	3.541	+ 23 14 29.3	69.1	2	11.56
1621	A. 23 Pleiadum, (Eq.). .	. .	3 39 9.51	64.8	6	+ 3.541	+ 23 14 25.8	64.8	6	+ 11.56
1622	B. A. C. 1165, (Eq.). .	. .	39 9.96	63.8	23	3.555	+ 23 51 8.1	63.8	23	11.56
1623	B. A. C. 1165 . .	6.5	39 10.05	68.9	1	3.555	+ 23 51	. .	.	11.56
1624	η Tauri.	3.0*	39 10.06	56.3	143	3.551	+ 23 40 9.0	53.9	74	11.56
1625	Weisse III, 746 . .	8.0*	39 11.	. .	.	2.890	− 9 26 53.3	58.5	2	11.56
1626	103 Pleiadum, (Eq.). .	. .	3 39 15.49	66.2	5	+ 3.561	+ 24 5 57.7	66.2	5	+ 11.56
1627	A. 25 Pleiadum, (Eq.). .	. .	39 19.19	64.8	5	3.540	+ 23 10 18.5	64.8	5	11.55
1628	A. 47 Pleiadum, (Eq.). .	. .	39 21.21	63.9	2	3.549	+ 23 33 56.4	63.9	2	11.55
1629	A. 26 Pleiadum, (Eq.). .	. .	39 24.83	64.8	5	3.538	+ 23 6 19.7	64.8	5	11.55
1630.	Anonymous. . .	8.0	39 33.37	59.0	1	3.290	+ 11 15	. .	.	11.53

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
1631	A. 48 Pleiadum, (Eq.). .	. .	3 39 33.89	63.9	3	+ 3.548	+ 23 30 20.5	63.9	3	+ 11.54
1632	Weisse (2) III, 878 .	7.8	39 38.18	64.1	3	3.391	+ 16 16 7.5	65.6	2	11.53
1633	Weisse III, 751 . .	9.0	39 39.56	66.4	2	3.305	+ 12 0 56.1	71.0	1	11.53
1634	A. 42 Pleiadum, (Eq.). .	. .	39 40.55	63.8	14	3.551	+ 23 39 48.5	63.8	14	11.53
1635	Weisse III, 752 . .	8.2	39 40.65	66.4	2	3.306	+ 12 4 19.0	56.0	2	11.53
1636	85 Pleiadum, (Eq.). .	. .	3 39 42.53	65.9	5	+ 3.546	+ 23 26 32.9	65.9	5	+ 11.53
1637	55 Pleiadum, (Eq.). .	. .	39 47.74	64.9	4	3.553	+ 23 42 26.9	64.9	4	11.52
1638	A. 43 Pleiadum, (Eq.). .	. .	39 48.04	63.9	19	3.553	+ 23 42 27.7	63.9	19	11.52
1639	Weisse (2) III, 881 .	8.5	39 52.02	59.5	2	3.610	+ 26 9 14.5	63.0	4	11.51
1640	A. 27 Pleiadum, (Eq.). .	. .	39 54.14	67.0	9	3.557	+ 23 53 7.6	67.0	9	11.51
1641	86 Pleiadum, (Eq,). .	. .	3 39 58.75	65.9	5	+ 3.547	+ 23 27 22.5	65.9	5	+ 11.51
1642	Weisse (2) III, 887 .	8.0	40 2.84	62.6	4	3.397	+ 16 31 38.6	58.5	4	11.50
1643	A. 28 Pleiadum, (Eq.). .	. .	40 3.20	64.8	5	3.537	+ 22 59 5.3	64.8	5	11.50
1644	A. 44 Pleiadum, (Eq.). .	. .	40 7.13	63.8	10	3.551	+ 23 36 52.5	63.8	10	11.50
1645	B. A. C. 1171 . .	6.5	40 10.08	65.9	8	3.558	+ 23 54 43.6	59.0	4	11.50
1646	A. 29 Pleiadum, (Eq.). .	. .	3 40 10.53	67.0	9	+ 3.558	+ 23 54 47.5	67.0	9	+ 11.50
1647	A. 41 Pleiadum, (Eq.). .	. .	40 15.51	63.8	10	3.554	+ 23 44 54.6	63.8	10	11.50
1648	Weisse (2) III, 890 .	9.0*	40 31.10	65.4	2	3.826	+ 34 29 3.3	70.1	2	11.47
1649	e Tauri	5.0*	40 35.93	68.6	4	3.280	+ 10 42 35.5	69.0	2	11.46
1650	A. 45 Pleiadum, (Eq.). .	. .	40 37.21	65.9	8	3.551	+ 23 35 24.4	65.9	8	11.46
1651	26 Tauri, (Eq.). . .	7.0*	3 40 38.35	64.9	6	+ 3.548	+ 23 25 30.7	64.9	6	+ 11.46
1652	B. A. C. 1179 . .	7.6	40 45.09	67.0	2	2.444	− 29 46 33.1	66.5	2	11.45
1653	Weisse (2) III, 901 .	8.0*	40 46.23	65.0	2	3.368	+ 15 4 19.1	69.1	2	11.45
1654	τ^6 Eridani	4.7	40 49.38	64.4	2	2.591	− 23 39 57.9	64.9	3	11.44
1655	27 Tauri	6.5	40 50.57	58.9	34	3.552	+ 23 37 19.5	63.7	12	11.44
1656	28 Tauri	7.2	3 40 51.75	64.4	17	+ 3.554	+ 23 42 20.2	66.6	6	+ 11.44
1657	Weisse (2) III, 896 .	7.5*	40 52.15	70.0	2	3.913	+ 37 26 39.3	46.8	4	11.44
1658	Pleiadum . . .	. .	40 53.48	65.1	1	3.554	+ 23 41	. .	.	11.44
1659	A. 30 Pleiadum, (Eq.). .	. .	40 53.72	64.9	6	3.548	+ 23 27 15.8	64.9	6	11.44
1660	Pleiadum . . .	. .	40 54.62	63.7	1	3.554	+ 23 40	. .	.	11.44
1661	Pleiadum . . .	. .	3 40 55.96	63.7	1	+ 3.555	+ 23 44	. .	.	+ 11.44
1662	Pleiadum . . .	. .	40 56.27	61.0	1	3.550	+ 23 57 51.7	68.6	2	11.44
1663	A. 31 Pleiadum, (Eq.). .	. .	40 56.92	67.0	8	3.560	+ 23 57 56.9	67.0	8	11.44
1664	Weisse III, 774 . .	8.5	40 59.69	60.7	1	3.370	+ 15 9 11.1	69.1	2	11.43
1665	B. A. C. 1182 . .	7.5	41 1.42	61.0	1	3.560	+ 23 56 59.5	68.8	4	11.43
1666	Pleiadum . . .	. .	3 41 1.50	65.0	1	+ 3.556	+ 23 46	. .	.	+ 11.43
1667	A. 32 Pleiadum, (Eq.). .	. .	41 2.02	67.0	8	3.560	+ 23 57 3.7	67.0	8	11.43
1668	A. 33 Pleiadum, (Eq.). .	. .	41 6.18	63.9	23	3.557	+ 23 49 1.1	63.9	23	11.42
1669	A. 33 Pleiadum . . .	7.4	41 6.23	69.2	6	3.546	+ 23 49 0.4	66.1	3	11.42
1670	Weisse III, 781 . .	8.5	41 9.82	59.1	2	3.291	+ 11 16 32.6	63.3	4	11.42

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
1671	Weisse (2) III, 906 .	6.0	3 41 14.89	65.4	2	+ 3.824	+ 34 23 26.6	70.1	2	+ 11.41
1672	114 Pleiadum, (Eq.). .	. .	41 21.65	67.1	4	3.553	+ 23 36 21.7	67.1	4	11.40
1673	A. 34 Pleiadum, (Eq.). .	. .	41 25.26	67.1	10	3.546	+ 23 16 53.9	68.1	2	11.40
1674	A. 35 Pleiadum, (Eq.). .	. .	41 26.42	67.0	9	3.558	+ 23 48 52.6	67.0	9	11.40
1675	A. 36 Pleiadum, (Eq.). .	. .	41 35.05	67.0	5	3.557	+ 23 47 15.9	67.0	5	11.39
1676	Pleiadum . . .	. .	3 41 36.29	65.0	1	+ 3.557	+ 23 46	. .	.	+ 11.39
1677	A. 37 Pleiadum, (Eq.). .	. .	41 36.67	67.0	9	3.560	+ 23 55 12.1	67.0	9	11.39
1678	56 Pleiadum, (Eq.). .	. .	41 37.74	64.9	5	3.551	+ 23 31 22.8	64.9	5	11.39
1679	τ^7 Eridani	5.0*	41 38.47	62.5	2	2.575	− 24 18 37.5	67.0	2	11.39
1680	B. A. C. 1188 . .	7.0	41 39.35	64.1	2	3.549	+ 23 25 11.5	68.1	1	11.38
1681	B. A. C. 1188, (Eq.). .	. .	3 41 39.57	64.9	13	+ 3.549	+ 23 25 9.4	64.9	13	+ 11.38
1682	Weisse (2) III, 917 .	8.5	41 51.99	65.5	2	3.834	+ 34 40 14.5	65.1	2	11.37
1683	Lacaille 1231 . .	7.0	42 6.77	66.6	2	2.516	− 26 45 42.4	64.1	2	11.35
1684	Lalande 7069 . .	7.5	42 10.80	66.9	3	3.246	+ 8 58 38.6	68.1	1	11.35
1685	Groombridge 745 .	8.0*	42 13.	. .	.	7.419	+ 75 46 1.5	71.0	2	11.34
1686	A. 39 Pleiadum, (Eq.). .	. .	3 42 17.33	67.0	6	+ 3.565	+ 24 4 46.5	67.0	6	+ 11.34
1687	Weisse (2) III, 931 .	9.0	42 17.77	60.1	1	3.625	+ 26 38 56.4	60.7	3	11.34
1688	Pleiadum, (Eq.). .	. .	42 20.86	67.1	4	3.552	+ 23 30 18.9	67.1	4	11.33
1689	O. Arg. S. 2556 . .	6.1	42 25.92	64.5	2	2.641	− 21 20 3.4	67.0	2	11.33
1690	Weisse (2) III, 932 .	8.0	42 27.90	61.1	2	3.821	+ 34 10 46.1	55.6	2	11.33
1691	B. A. C. 1195 . .	7.9	3 42 33.18	63.7	5	+ 3.553	+ 23 32 5.5	64.0	8	+ 11.32
1692	Radcliffe 1084 . .	7.7	42 40.43	63.0	1	4.011	+ 40 22 16.3	70.1	1	11.31
1693	Lacaille 1239 . .	7.6	43 7.34	62.6	2	2.522	− 26 27 42.8	65.5	2	11.28
1694	O. Arg. S. 2571 . .	8.1	43 43.50	64.0	2	2.494	− 27 32 13.8	69.0	1	11.23
1695	Anonymous . . .	6.9	43 57.40	68.9	2	2.687	− 19 10 23.0	66.6	2	11.22
1696	Anonymous . . .	6.6	3 44 45.86	67.0	2	+ 2.358	− 32 42 42.8	68.1	1	+ 11.16
1697	Weisse (2) III, 972 .	8.0*	44 49.30	69.4	3	3.944	+ 38 7 41.0	58.0	4	11.16
1698	Weisse (2) III, 974 .	8.5*	44 50.39	69.6	2	3.944	+ 38 6 25.3	70.0	2	11.16
1699	B. A. C. 1205 . .	7.0*	45 2.39	58.8	2	3.042	− 1 34 15.4	61.8	4	11.14
1700	B. A. C. 1206 . .	6.5	45 9.99	64.1	4	3.410	+ 16 54 26.4	66.1	2	11.13
1701	ζ Persei	3.5*	3 45 20.33	68.1	17	+ 3.753	+ 31 27 51.2	63.1	3	+ 11.12
1702	Lacaille 1252 . .	6.5	45 45.06	66.3	2	2.394	− 31 17 43.8	67.6	2	11.09
1703	Weisse III, 878 . .	7.8	45 56.14	68.9	2	3.366	+ 14 45 58.1	46.1	2	11.08
1704	Groombridge 748 .	8.5*	46 0.	. .	.	7.466	+ 75 45 39.3	71.0	1	11.07
1705	Lalande 7184 . .	7.5	46 27.23	66.1	2	3.541	+ 22 47 47.0	67.1	2	11.04
1706	Rumker 1023 . .	7.0	3 46 29.10	58.9	2	+ 3.397	+ 16 12 21.4	55.2	6	+ 11.03
1707	Groombridge 751 .	8.0*	46 34.	. .	.	7.467	+ 75 44 36.7	71.0	1	11.03
1708	Weisse (2) III, 1013	8.6	46 35.82	61.9	6	3.472	+ 19 41 10.5	56.3	3	11.03
1709	Weisse (2) III, 1015	9.0	46 37.66	64.0	3	3.412	+ 16 55 38.9	66.1	2	11.02
1710	Lacaille 1259 . .	7.2	46 45.12	62.8	4	2.604	− 22 42 50.6	68.0	2	11.01

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			h. m. s.			"	° ′ ″			"
1711	B. A. C. 1211 . . .	5.5*	3 46 48.32	69.1	2	+ 9.612	+ 80 18 15.1	64.0	10	+ 11.01
1712	Weisse (2) III, 1019 .	8.8	46 52.56	62.0	6	3.472	+ 19 41 1.3	56.3	3	11.00
1713	Lalande 7206 . . .	6.5	47 27.	. .	.	3.846	+ 34 40 5.7	47.0	1	10.96
1714	Anonymous . . .	. .	47 32.32	49.0	1	3.872	+ 35 32 59.7	49.0	1	10.96
1715	Weisse (2) III, 1030 .	8.5*	47 38.89	55.7	3	3.874	+ 35 35 30.0	53.6	4	10.95
1716	Lalande 7220 . . .	8.5	3 47 43.93	63.1	3	+ 3.541	+ 22 42 51.9	68.1	2	+ 10.94
1717	τ^8 Eridani	4.0	47 45.32	66.0	2	2.548	− 25 1 44.3	68.0	2	10.94
1718	Weisse III, 924 . .	8.0	47 52.00	59.0	2	2.876	− 9 56 7.0	53.0	3	10.93
1719	O. Arg. S. 2623 . .	6.8	47 54.22	63.8	7	2.584	− 23 32 30.5	65.5	2	10.93
1720	Lalande 7238 . . .	7.5	48 10.42	66.1	2	3.542	+ 22 44 26.2	67.1	3	10.91
1721	Anonymous . . .	. .	3 48 27.09	49.0	2	+ 3.890	+ 36 4 26.2	49.1	1	+ 10.89
1722	Weisse (2) III, 1041 .	7.5	48 27.13	60.0	3	3.890	+ 36 5 6.8	55.5	2	10.89
1723	ε Persei	3.5*	48 28.07	52.9	4	4.001	+ 39 36 4.3	58.1	2	10.89
1724	O. Arg. S. 2637. . .	8.5	48 29.53	65.1	2	2.639	− 21 5 53.3	68.1	2	10.89
1725	B. A. C. 1222 . . .	8.4	48 30.45	67.4	3	2.473	− 28 5 7.0	66.5	2	10.89
1726	Anonymous . . .	8.0	3 48 45.03	67.8	4	+ 3.474	+ 19 40 24.4	57.0	2	+ 10.87
1727	33 Tauri	6.5	48 46.00	63.1	2	3.544	+ 22 45 56.7	67.0	2	10.87
1728	Lacaille 1284. . . .	7.4	49 43.23	63.0	3	2.514	− 26 20 23.2	65.3	3	10.80
1729	O. Arg. S. 2663. . .	8.0	49 45.27	69.0	2	2.507	− 26 37 30.5	64.5	2	10.79
1730	ξ Persei	5.2	49 53.38	69.1	2	3.873	+ 35 23 5.9	46.7	8	10.78
1731	Weisse III, 965. . .	7.5	3 49 55.31	59.1	2	+ 2.870	− 10 9 38.6	62.1	2	+ 10.78
1732	O. Arg. S. 2666 . .	8.0*	49 55.37	63.0	2	2.513	− 26 21 16.3	66.0	2	10.78
1733	B. A. C. 1229 . . .	7.5	49 56.49	66.0	4	2.791	− 14 0 27.9	65.6	2	10.78
1734	Weisse (2) 1082. . .	8.1	50 3.22	69.1	2	3.544	+ 22 42 2.5	68.1	2	10.77
1735	Lacaille 1291 . . .	7.2	50 32.21	63.5	3	2.418	− 30 4 8.5	67.0	2	10.74
1736	Lacaille 1288 . . .	7.2	3 50 32.92	63.4	2	+ 2.531	− 25 34 49.8	67.6	2	+ 10.74
1737	Weisse III, 975. . .	8.0	50 41.44	69.1	3	3.368	+ 14 40 58.1	57.1	2	10.73
1738	Anonymous . . .	8.0	50 46.27	69.1	2	2.684	− 18 57 41.9	66.6	2	10.72
1739	γ Eridani	3.0*	51 29.93	55.6	142	2.792	− 13 54 32.7	49.5	60	10.67
1740	O. Arg. S. 2696. . .	9.0	52 6.91	65.1	2	2.462	− 28 16 33.9	68.0	2	10.62
1741	λ Tauri	4.0*	3 52 55.60	60.2	6	+ 3.316	+ 12 5 30.4	57.7	3	+ 10.56
1742	Lalande 7391 . . .	6.5	53 8.95	68.9	2	3.983	+ 38 42 10.8	49.0	1	10.54
1743	Weisse (2) III, 1143 .	8.5*	53 38.02	70.9	2	3.867	+ 34 55 39.2	70.9	3	10.51
1744	O. Arg. S. 2710 . .	9.0	53 45.44	67.0	2	2.436	− 29 10 27.6	67.6	2	10.50
1745	B. A. C. 1235 . . .	6.0*	53 47.00	67.4	4	+16.583	+ 85 10 44.4	65.0	2	10.49
1746	τ^9 Eridani	4.6	3 53 57.48	63.0	3	2.554	− 24 24 56.5	65.9	2	+ 10.48
1747	B. A. C. 1244 . . .	7.0*	54 8.05	59.4	2	3.265	+ 9 36 9.0	53.9	2	10.47
1748	Anonymous . . .	9.0	54 37.57	63.9	2	2.484	− 27 13 58.9	66.5	2	10.43
1749	Anonymous . . .	9.2	55 1.80	67.1	2	2.621	− 21 32 18.2	69.1	3	10.40
1750	B. A. C. 1250 . . .	6.2	55 5.58	63.2	5	+ 2.388	− 30 53 15.0	66.1	2	10.40

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			h. m. s.			″	° ′ ″			″
1751	Lalande 7492 . . .	7.0	3 55 8.63	69.0	3	+ 2.594	− 22 40 18.2	65.5	2	+ 10.39
1752	Lacaille 1317 . . .	7.3	55 31.06	62.8	4	2.491	− 26 54 42.8	66.1	2	10.37
1753	O. Arg. S. 2741 . .	7.9	55 47.92	65.0	3	2.623	− 21 24 51.3	66.0	2	10.35
1754	B. A. C. 1247 . . .	6.0*	56 8.74	69.1	2	13.063	+ 83 27 12.0	65.6	2	10.32
1755	A^1 Tauri.	5.5*	56 25.39	62.4	18	3.528	+ 21 41 45.2	61.1	3	10.30
1756	Weisse III, 1092 . .	7.0	3 56 32.66	68.9	2	+ 3.318	+ 12 7 10.3	67.6	2	+ 10.29
1757	Weisse (2) III, 1210 .	9.0	56 39.46	64.0	4	3.406	+ 16 14 23.4	59.4	3	10.28
1758	Lacaille 1324 . . .	7.7	56 40.72	63.4	3	2.438	− 28 55 13.3	68.0	2	10.28
1759	Lacaille 1326 . . .	7.2	56 41.10	66.4	2	2.272	− 34 52 26.7	68.0	2	10.28
1760	Weisse (2) III, 1212 .	9.0	56 44.96	60.9	3	3.501	+ 20 28 15.7	55.0	2	10.27
1761	Weisse (2) III, 1214 .	8.7	3 56 53.20	60.4	2	+ 3.670	+ 27 29 43.8	62.0	2	+ 10.26
1762	O. Arg. S. 2761 . .	7.5	56 56.56	63.9	6	2.464	− 27 52 34.4	67.6	2	10.26
1763	A^2 Tauri.	6.0*	57 3.28	65.6	2	3.528	+ 21 37 38.7	67.0	2	10.25
1764	Anonymous . . .	8.8	57 42.65	69.6	2	2.489	− 26 52 6.9	66.1	2	10.21
1765	Lacaille 1329 . . .	7.0	57 43.14	63.0	2	2.505	− 26 14 7.7	64.1	3	10.20
1766	Rumker 1079 . . .	8.0	3 57 46.48	60.3	3	+ 3.388	+ 15 21 16.0	55.9	2	+ 10.20
1767	Rumker 1084 . . .	7.0	58 19.56	59.9	5	3.388	+ 15 18 57.9	56.3	3	10.15
1768	ψ Tauri.	6.5	58 21.55	58.3	4	3.701	+ 28 37 10.0	70.2	5	10.15
1769	c Persei	5.0	58 30.61	61.0	2	4.324	+ 47 20 5.2	68.0	4	10.14
1770	Weisse (2) III, 1261 .	8.3	58 42.36	64.1	4	3.431	+ 17 16 59.6	65.6	2	10.13
1771	Weisse (2) III, 1266 .	8.5	3 58 55.08	63.0	3	+ 3.513	+ 20 52 56.7	68.1	2	+ 10.11
1772	50 Persei	5.5*	59 17.26	68.9	2	3.964	+ 37 40 13.0	46.6	2	10.08
1773	Lacaille 1341 . . .	7.6	59 17.75	63.3	4	2.388	− 30 36 25.1	67.6	2	10.08
1774	O. Arg. S. 2793 . .	8.6	59 25.17	63.1	3	2.389	− 30 33 50.3	68.6	2	10.07
1775	Weisse (2) III, 1275 .	8.5	59 29.79	64.6	4	3.513	+ 20 53 8.4	62.3	4	10.07
1776	Anonymous . . .	8.0	3 59 33.67	65.1	1	+ 3.513	+ 20 53	. .	.	+ 10.06
1777	O. Arg. S. 2796 . .	6.1	59 38.48	64.0	3	2.630	− 20 53 39.3	67.6	2	10.05
1778	Rumker 1089, (1st *) .	9.1	59 46.76	69.1	2	3.377	+ 14 47 6.4	54.1	3	10.05
1779	Rumker 1089, (2d *) .	7.0	59 46.94	69.1	2	3.377	+ 14 47 6.4	54.1	3	10.05
1780	B. A. C. 1273 . . .	5.5	59 51.26	62.8	4	2.456	− 28 2 12.3	67.0	2	10.04
1781	B. A. C. 1272 . . .	6.5	3 59 58.63	59.8	2	+ 3.425	+ 16 57 45.2	54.0	2	+ 10.03
1782	Lacaille 1346 . . .	7.6	4 0 5.03	66.0	6	2.364	− 31 25 53.8	69.0	3	10.02
1783	O. Arg. S. 2803 . .	8.0*	0 11.77	65.0	1	2.564	− 23 39 39.4	68.6	2	10.01
1784	Anonymous . . .	8.0	0 13.40	63.9	1	2.364	− 31 25	. .	.	10.01
1785	ω^1 Tauri.	6.0	1 0.90	64.5	2	3.477	+ 19 14 9.2	69.1	2	9.95
1786	O. Arg. S. 2828. . .	9.0	4 1 36.85	67.1	2	+ 2.460	− 27 46 34.3	68.1	2	+ 9.91
1787	Anonymous. . . .	8.8	1 40.81	67.5	2	2.912	− 7 51 31.3	68.1	1	9.90
1788	Weisse (2) IV, 1 . .	8.8	2 1.76	64.1	2	3.444	+ 17 43 52.5	68.1	2	9.87
1789	Weisse IV, 21 . . .	9.0	2 34.77	60.3	3	3.222	+ 7 19 41.6	60.0	5	9.83
1790	Weisse IV, 24 . . .	8.3	2 46.56	69.0	3	3.382	+ 14 51 58.3	46.1	1	9.82

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			h. m. s.			″	° ′ ″			″
1791	Weisse (2) IV, 22 . .	6.8	4 2 58.46	69.1	5	+ 3.397	+ 15 34 41.3	67.1	2	+ 9.80
1792	O. Arg. S. 2848 . .	7.5	3 7.21	67.1	3	2.518	− 25 23 22.1	65.6	2	9.79
1793	B. A. C. 1282 . . .	6.0*	3 21.06	58.8	2	4.402	+ 48 43 49.0	53.9	2	9.77
1794	37 Eridani	6.0	3 32.84	63.2	4	2.922	− 7 17 33.2	66.0	2	9.76
1795	O. Arg. S. 2858 . .	8.5*	3 40.70	66.2	4	2.446	− 28 10 52.5	68.1	2	9.75
1796	Rumker 1104 . . .	9.0	4 3 41.95	62.4	3	+ 3.696	+ 28 4 2.8	55.9	3	+ 9.75
1797	Lalande 7819 . . .	7.2	4 3.28	68.4	4	2.883	− 9 11 16.7	68.4	3	9.72
1798	Lacaille 1370 . . .	7.0*	4 5.82	69.8	3	2.516	− 25 24 40.3	67.1	1	9.71
1799	Lalande 7773 . . .	8,1	4 19.40	70.0	3	4.217	+ 44 23 18.5	70.1	2	9.70
1800	Rumker 1110 . . .	6.0	4 29.88	69.0	2	3.428	+ 16 54 51.4	46.0	1	9.69
1801	Weisse (2) IV, 65 . .	8.7	4 4 35.36	65.3	6	+ 3.441	+ 17 28 15.3	66.4	3	+ 9.68
1802	μ Persei	. .	4 37.87	69.1	2	4.375	+ 48 2 56.7	63.0	2	9.68
1803	Anonymous . . .	8.4	4 46.85	69.7	3	2.476	− 26 58 27.9	65.0	2	9.67
1804	Lacaille 1374 . . .	6.5	4 47.15	66.5	2	2.256	− 34 52 2.9	67.6	2	9.67
1805	Lacaille 1373 . . .	7.9	4 52.85	63.3	3	2.514	− 25 27 37.1	68.1	2	9.66
1806	o^1 Eridani	4.0	4 5 2.03	61.5	52	+ 2.924	− 7 12 17.9	65.0	2	+ 9.64
1807	Weisse IV, 81 . . .	8.0	5 11.48	67.1	2	2.882	− 9 12 10.3	68.1	2	9.63
1808	Anonymous . . .	8.5	5 17.	. .	.	4.221	+ 44 24 31.3	70.1	1	9.62
1809	Lalande 7817 . . .	8 5	5 21.50	70.0	2	4.221	+ 44 24 9.6	69.9	1	9.62
1810	Anonymous . . .	9.1	5 40.48	69.1	2	2.930	− 6 52 24.8	69.4	3	9.60
1811	Anonymous . . .	9.0	4 5 50.49	65.0	1	+ 2.930	− 6 54	. .	.	+ 9.58
1812	Lalande 7833 . . .	8.5	5 51.98	70.0	2	4.219	+ 44 19 37.4	58.1	1	9.58
1813	Anonymous . . .	9.0	5 56.10	65.4	2	3.787	+ 31 20	. .	.	9.58
1814	46 Tauri	5.0	6 1.00	61.8	2	3.224	+ 7 21 19.3	56.0	4	9.57
1815	Weisse IV, 114. . .	7.3	6 50.37	69.0	2	2.848	− 10 44 45.0	70.0	2	9.51
1816	Lacaille 1379 . . .	6.6	4 6 51.74	63.0	2	+ 2.543	− 24 10 52.6	67.0	2	+ 9.50
1817	Anonymous . . .	9.1	6 52.09	67.2	2	2.437	− 28 20 39.9	68.6	2	9.50
1818	Weisse (2) IV, 121 . .	8.0	7 0.07	66.1	2	3.589	+ 23 42 21.7	62.0	2	9.49
1819	Weisse (2) IV, 118 . .	7.8	7 3.30	65.2	5	3.789	+ 31 20 21.4	67.1	2	9.49
1820	Lalande 7931 . . .	8.3	7 4.75	66.6	2	2.560	− 23 29 13.9	65.5	2	9.49
1821	Weisse (2) IV, 120. .	8.3	4 7 6.19	65.2	5	+ 3.790	+ 31 21 5.9	67.1	2	+ 9.48
1822	Weisse (2) IV, 127. .	9.0	7 20.32	60.0	2	3.523	+ 20 55 29.7	59.7	3	9.47
1823	Anonymous . . .	. .	7 28.35	61.1	1	3.507	+ 20 15	. .	.	9.46
1824	Lacaille 1387 . . .	6.0	7 39.77	66.1	2	2.302	− 33 9 15.7	68.4	2	9.44
1825	A Eridani	5.5	7 44.11	69.0	2	2.851	− 10 36 21.2	47.0	2	9.44
1826	Anonymous . . .	7.5	4 7 45.55	62.1	1	+ 2.345	− 31 38 28.4	69.1	1	+ 9.43
1827	Anonymous . . .	9.0	8 18.30	69.5	2	3.409	+ 15 56 2.0	48.0	1	9.39
1828	Weisse (2) IV, 137. .	7.5	8 24.52	69.1	2	4.226	+ 44 20 8.7	58.1	1	9.38
1829	B. A. C. 1308 . . .	7.3	8 30.07	64.9	5	2.377	− 30 28 12.1	69.1	3	9.38
1830	Lacaille 1389 . . .	6.8	8 33.57	64.0	2	2.322	− 32 23 57.6	68.1	1	9.37

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			h. m. s.			"	° ' "			"
1831	B. A. C. 1307 . . .	6.5*	4 8 43.63	60.0	1	+ 4.466	+ 49 41 11.7	58.8	5	+ 9.36
1832	Weisse (2) IV, 152. .	7.0	8 50.64	63.9	3	3.408	+ 15 51 50.8	54.0	4	9.35
1833	o^2 Eridani	5.0	8 51.16	47.9	1	2.908	— 7 51	. .	.	9.35
1834	ω^2 Tauri	6.5	9 3.71	62.3	10	3.508	+ 20 13 49.2	64.7	3	9.33
1835	Weisse (2) IV, 160. .	8.0	9 6.92	70.0	2	3.507	+ 20 9 45.7	68.1	2	9.33
1836	Weisse (2) IV, 166. .	9.0	4 9 14.96	68.4	3	+ 3.508	+ 20 12 28.7	69.1	2	+ 9.32
1837	O. Arg. S. 2930. . .	7.7	9 32.84	63.9	6	2.376	— 30 25 28.5	68.6	2	9.30
1838	b^2 Persei	6.5*	9 36.06	59.8	2	4.513	+ 50 34 34.0	54.1	3	9.29
1839	Anonymous	. .	9 37.22	59.0	2	3.425	+ 16 35 51.8	48.0	1	9.29
1840	B. A. C. 1313 . . .	6.0	9 39.21	71.0	2	5.158	+ 60 23 50.0	70.9	2	9.29
1841	O. Arg. S. 2938 . .	5.8	4 9 48.02	63.8	7	+ 2.554	— 23 35 26.7	65.6	2	+ 9.28
1842	O. Arg. S. 2939. . .	6.7	9 50.17	69.1	1	2.581	— 22 30 3.8	68.0	2	9.27
1843	Weisse (2) IV, 183. .	8.2	9 55.93	65.9	5	3.455	+ 17 54 36.3	67.0	2	9.27
1844	51 Tauri	7.0*	10 6.29	59.0	2	3.533	+ 21 14	. .	.	9.25
1845	Lalande 7994 . . .	8.0*	10 10.04	68.9	2	3.987	+ 37 39 13.0	47.0	1	9.25
1846	Anonymous	. .	4 10 27.79	48.1	1	+ 3.445	+ 17 27 48.7	48.0	2	9.22
1847	Anonymous	9.0	11 1.52	64.5	2	4.334	+ 46 43 15.5	62.0	1	+ 9.18
1848	56 Tauri	5.6	11 19.67	61.6	5	3.539	+ 21 25 54.6	56.1	2	9.16
1849	Anonymous	9.2	11 26.01	67.1	2	2.373	— 30 25 52.5	69.1	3	9.15
1850	B. A. C. 1327 . . .	7.0	11 33.62	69.1	2	2.100	— 39 13 52.1	65.6	2	9.14
1851	γ Tauri	4.0*	4 11 49.84	66.0	32	+ 3.398	+ 15 17 9.8	60.2	6	+ 9.12
1852	55 Tauri	6.5	11 54.13	57.9	4	3.418	+ 16 10 54.5	58.0	2	9.11
1653	h Tauri	5.5*	12 4.81	58.9	2	3.362	+ 13 41 40.1	53.0	2	9.10
1854	Weisse (2) IV, 248. .	6.5	12 17.36	64.1	2	3.469	+ 18 24 14.0	65.1	2	9.08
1855	Lacaille 1410 . . .	7.4	12 35.34	66.6	4	2.251	— 34 31 50.7	68.1	2	9.06
1856	B. A. C. 1334 . . .	6.2	4 12 38.61	61.9	6	+ 2.558	— 23 18 52.5	59.8	4	+ 9.06
1857	58 Tauri	5.0	12 40.24	67.5	2	3.386	+ 14 45 21.2	57.6	2	9.05
1858	Anonymous	9.3	13 7.68	67.5	2	2.461	— 27 4 28.1	68.1	2	9.02
1859	Anonymous	8.5	13 17.47	68.9	1	2.546	— 23 45 21.1	65.0	2	9.00
1860	Rumker 1159 . . .	7.8	13 18.58	70.0	3	3.459	+ 17 55 44.8	69.1	2	9.00
1861	Weisse (2) IV, 270. .	7.0	4 13 25.39	67.1	2	+ 3.462	+ 18 4 54.3	65.1	2	+ 8.99
1862	Rumker 1163 . . .	8.5	13 31.93	69.1	2	3.425	+ 16 28 12.4	56.7	3	8.99
1863	Lacaille 1416 . . .	7.5	13 32.07	70.1	2	2.252	— 34 27 48.4	68.5	2	8.99
1864	Anonymous	8.0	13 37.31	65.0	2	2.334	— 31 40 12.3	69.5	2	8.98
1865	B. A. C. 1340 . . .	7.0	13 51.28	63.6	4	2.505	— 25 21 51.7	66.1	1	8.96
1866	O. Arg. S. 2997. . .	8.0	4 13 56.82	66.5	2	+ 2.405	— 29 7 38.8	69.5	2	+ 8.95
1867	Rumker 1167 . . .	7.5	14 42.81	69.1	3	3.426	+ 16 27 31.9	56.6	4	8.89
1868	Weisse IV, 286 . .	6.0	14 47.97	69.0	2	3.387	+ 14 43 23.6	46.1	2	8.89
1869	δ^1 Tauri	4.5	14 51.86	56.8	12	3.443	+ 17 12 39.0	64.1	4	8.88
1870	63 Tauri	7.2	15 23.30	60.3	7	3.426	+ 16 26 50.1	58.7	8	8.84

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			h. m. s.			″	° ′ ″			″
1871	55 Persei	6.0	4 15 24.52	69.1	2	+ 3.876	+ 33 48 8.0	47.9	1	+ 8.84
1872	B. A. C. 1351 . . .	6.5*	15 26.65	59.1	1	3.423	+ 16 17 56.4	63.9	2	8.84
1873	B. A. C. 1355 . . .	5.7	15 42.77	64.2	7	2.485	− 26 3 37.1	67.0	3	8.81
1874	Weisse (2) IV, 325 . .	8.8	15 44.36	60.4	3	3.538	+ 21 12 41.1	61.2	5	8.81
1875	O. Arg. S. 3022. . .	8.5	15 45.00	67.1	2	2.485	− 26 3 1.0	68.0	2	8.81
1876	Weisse (2) IV, 330. .	7.5	4 15 56.09	59.4	2	+ 3.543	+ 21 24 32.4	56.0	3	+ 8.80
1877	δ^2 Tauri	6.0	16 1.68	59.2	3	3.442	+ 17 6 57.7	67.6	2	8.79
1878	Anonymous.	. .	16 23.	. .	.	3.428	+ 16 29 50.9	68.1	1	8.76
1879	Anonymous	. .	16 25.	. .	.	3.428	+ 16 28 32.9	57.0	1	8.76
1880	Weisse (2) IV, 344 . .	7.8	16 26.05	69.6	5	3.430	+ 16 33 33.9	70.9	1	8.74
1881	Weisse (2) IV, 348. .	8.0*	4 16 34.99	60.1	4	+ 3.476	+ 18 35 10.6	67.1	3	+ 8.74
1882	Anonymous	. .	16 48.	. .	.	3.209	+ 6 29 45.7	70.1	1	8.73
1883	Lacaille 1433	7.5	16 50.70	66.4	2	2 222	− 35 13 47.7	68.4	3	8.73
1884	Weisse (2) IV, 350 . .	8.6	16 52.33	63.4	5	3.745	+ 29 12 5.6	58.6	4	8.72
1885	Lacaille 1431	6.0	17 14.64	62.8	5	2.504	− 25 13 13.2	65.0	2	8.69
1886	Weisss (2) IV, 363 . .	8.4	4 17 20.06	57.3	4	+ 3.476	+ 18 33 33.5	67.6	2	+ 8.69
1887	Anonymous	. .	17 25.	. .	.	2.620	− 20 33 55.2	70.1	1	8.69
1888	Anonymous	8.2	17 27.94	67.1	2	2.416	− 28 33 57.3	68.2	2	8.68
1889	Anonymous	7.8	17 28.	. .	.	2.492	− 25 42 47.0	64.0	2	8.68
1890	70 Tauri	7.0	17 38.00	60.5	2	3.409	+ 15 37 2.6	58.3	4	8.66
1891	Weisse (2) IV, 376. .	7.7	4 17 42.90	64.1	3	+ 3.476	+ 18 32 30.4	65.6	2	+ 8.66
1892	O. Arg. S. 3044. . .	8.8	17 48.08	65.0	4	2.431	− 27 59 3.5	68.1	2	8.65
1893	υ^1 Tauri	5.0	17 56.12	60.3	8	3.571	+ 22 29 31.7	68.5	2	8.64
1894	Weisse (2) IV, 387. .	7.8	18 22.37	69.6	5	3.430	+ 16 31 53.5	68.2	2	8.61
1895	O. Arg. S. 3061. . .	8.0	19 13.62	65.0	2	2.414	− 28 31 51.5	67.1	2	8.55
1896	Weisse (2) IV, 391. .	8.0*	4 19 38.14	69.1	3	+ 3.429	+ 16 25 36.5	56.4	5	+ 8.50
1897	Anonymous	9.0	19 40.38	69.1	2	3.428	+ 16 24 42.3	70.1	2	8.50
1898	B. A. C. 1374 . . .	6.5	19 45.26	69.6	2	2.222	− 35 4 33.1	54.0	2	8.49
1899	Weisse (2) IV, 420 . .	9.0	19 53.93	69.1	2	3.606	+ 23 47 6.4	62.1	2	8.49
1900	Lacaille 1449	7.5	20 16.10	66.6	2	2.192	− 35 59 39.8	68.6	2	8.47
1901	Anonymous	8.5	4 20 26.08	69.1	2	+ 3.392	+ 14 46 22.8	61.4	3	+ 8.44
1902	ε Tauri	3.5	20 26.74	62.9	72	3.486	+ 18 51 58.5	58.6	5	8.44
1903	θ^1 Tauri	5.2	20 34.85	69.1	2	3.412	+ 15 38 52.5	59.4	3	8.43
1904	O. Arg. S. 3082. . .	8.0	20 35.15	64.5	2	2 546	− 23 27 11.9	65.0	2	8.43
1905	Anonymous	9.2	20 35.60	69.1	2	3.391	+ 14 45 3.3	69.1	2	8.44
1906	Weisse (2) IV, 436. .	7.5	4 20 41.42	67.6	2	+ 3.693	+ 27 5 28.4	68.1	2	+ 8.42
1907	Lacaille 1451	5.9	21 3.79	62.8	3	2.521	− 24 23 52.7	67.1	2	8.39
1908	Lalande 8431	7.0	21 11.50	65.5	2	2.826	− 11 26 23.5	59.7	3	8.38
1909	Weisse (2) IV, 458. .	7.0	21 37.12	59.9	2	3.714	+ 27 49 8.5	54.6	4	8.35
1910	Lacaille 1459	7.7	21 52.17	63.4	3	2.383	− 29 30 57.5	68.4	3	8.33

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			h. m. s.			″	° ′ ″			″
1911	Lalande 8479 . . .	8.0	4 22 18.15	60.0	2	+ 2.827	− 11 22 3.4	55.0	2	+ 8.29
1912	O. Arg. S. 3108. . .	8.8	22 18.31	69.0	2	2.545	− 23 24 55.1	65.0	3	8.29
1913	Lacaille 1463 . . .	6.7	22 19.49	65.1	1	2.290	− 32 43 24.6	68.9	2	8.29
1914	Anonymous. . . .	10.0	22 22.97	62.0	2	3.746	+ 28 59 37.7	65.5	2	8.29
1915	Anonymous. . . .	10.0	22 39.60	62.0	2	3.748	+ 29 0 7.3	70.0	2	8.26
1916	Weisse IV, 471. . .	8.8	4 22 43.02	67.5	2	+ 2.840	− 10 47 19.0	68.2	2	+ 8.26
1917	Anonymous. . . .	8.0	22 52.46	65.6	2	2.462	− 26 36 18.4	66.9	2	8.25
1918	Lalande 8455 . . .	6.8	22 57.41	69.1	2	3.983	+ 36 44 15.4	47.9	2	8.24
1919	84 Tauri	7.0*	23 10.71	69.1	3	3.395	+ 14 48 57.2	47.0	2	8.22
1920	Anonymous . . .	7.2	23 13.51	65.1	1	2.287	− 32 46 39.6	69.1	2	8.22
1921	Weisse (2) IV, 505 . .	8.0	4 23 22.58	64.4	3	+ 3.411	+ 15 30 35.5	67.1	2	+ 8.21
1922	Lacaille 1474 . . .	6.9	23 47.48	62.6	2	2.465	− 26 25 8.6	65.0	3	8.17
1923	Weisse (2) IV, 512 .	7.8	23 51.20	64.5	5	3.638	+ 24 52 56.7	65.6	2	8.17
1924	85 Tauri.	6.5	23 52.20	63.3	6	3.411	+ 15 32 51.6	60.9	8	8.17
1925	Lacaille 1480 . . .	7.4	24 9.64	63.4	3	2.385	− 29 20 12.7	67.1	1	8.14
1926	Lacaille 1485 . . .	7.6	4 24 22.73	64.0	9	+ 2.389	− 29 11 14.5	66.4	3	+ 8.13
1927	Lacaille 1483 . . .	6.0	24 37.30	65.5	2	2.544	− 23 19 46.5	66.0	2	8.11
1928	Rumker 1235 . . .	8.8	24 49.90	63.1	3	3.416	+ 15 42 19.5	61.6	4	8.09
1929	Lalande 8577 . . .	7.9	24 53.22	64.0	3	2.535	− 23 42 49.1	67.6	2	8.09
1930	B. A. C. 1404 . . .	7.5	24 53.93	61.1	1	2.344	− 30 45 5.4	67.6	2	8.08
1931	Anonymous . . .	8.5	4 24 58.38	65.5	2	+ 3.734	+ 28 25 53.4	70.1	1	+ 8.03
1932	Anonymous . . .	8.5	24 59.96	70.0	2	3.412	+ 15 31 1.9	67.1	1	8.08
1933	Weisse (2) IV, 535 .	9.0	25 11.47	70.0	2	3.506	+ 19 30 50.1	58.1	2	8.06
1934	Weisse (2) IV, 538 . .	9.0	25 17.66	59.1	2	3.565	+ 21 56 32.0	62.5	2	8.06
1935	O. Arg. S. 3154. . .	7.2	25 45.96	64.3	7	2.387	− 29 11 4.0	67.8	3	8.02
1936	B. A. C. 1408 . . .	7.0*	4 25 52.60	64.1	3	+ 3.742	+ 28 39 52.7	53.1	1	+ 8.01
1937	Weisse IV, 533. . .	7.5	26 1.03	69.1	2	3.398	+ 14 51 56.8	57.1	2	8.00
1938	Weisse (2) IV, 562. .	9.0*	26 20.40	64.6	2	3.569	+ 22 5 4.7	62.6	2	7.97
1939	Lacaille 1501 . . .	7.2	26 30.45	63.8	3	2.390	− 29 6 8.9	67.1	2	7.96
1940	Weisse IV, 554. . .	6.0	26 41.75	69.1	2	3.185	+ 5 16 19.9	64.1	1	7.94
1941	Lacaille 1504	7.5	4 26 49.57	65.8	4	+ 2.487	− 25 30 17.3	65.1	2	+ 7.93
1942	Weisse IV, 572. . .	8.0	27 15.76	69.1	2	3.074	+ 0 6 53.6	66.0	2	7.90
1943	Weisse (2) IV, 579. .	8.3	27 16.77	61.0	3	3.562	+ 21 43 40.9	61.6	2	7.90
1944	Lacaille 1509 . . .	7.0	27 22.98	63.5	2	2.476	− 25 51 24.5	64.1	2	7.89
1945	α Tauri.	1.0	27 53.42	56.2	222	3.430	+ 16 13 29.8	50.2	79	7.84
1946	ν^6 Eridani	4.5*	4 28 1.04	62.6	2	+ 2.360	− 30 3 6.2	53.9	2	+ 7.84
1947	Anonymous . . .	9.0	28 5.90	65.0	1	3.698	+ 26 57 57.3	68.1	2	7.83
1948	Anonymous . . .	9.5	28 10.90	66.6	2	3.199	+ 5 53	. .	.	7.82
1949	Weisse (2) IV, 606. .	8.0	28 27.44	59.5	2	3.717	+ 27 38 12.3	54.0	5	7.80
1950	Anonymous . . .	8.0	28 39.92	65.0	2	2.337	− 30 49 27.6	68.1	2	7.78

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			h. m. s.			″	° ′ ″			″
1951	Weisse (2) IV, 618 . .	8.0*	4 28 40.72	69.0	2	+ 3.416	+ 15 34 48.1	68.1	1	+ 7.78
1952	Anonymous. . . .	9.0	28 44.10	63.9	1	3.570	+ 22 0 42.6	69.1	2	7.78
1953	Weisse (2) IV, 620 . .	7.9	28 50.87	64.6	4	3.658	+ 25 26 23.7	65.5	2	7.77
1954	B. A. C. 1427 . . .	5.5	29 2.99	64.6	2	2.988	− 3 54 6.4	54.0	2	7.75
1955	Anonymous. . . .	9.5	29 4.82	67.4	3	3.199	+ 5 52	. .	.	7.75
1956	Lacaille 1521 . . .	7.0*	4 29 6.08	65.6	2	+ 2.488	− 25 19 46.1	65.0	2	+ 7.75
1957	Lacaille 1522 . . .	6.5	29 26.41	62.8	3	2.501	− 24 49 28.1	66.1	2	7.72
1958	Weisse (2) IV, 634 . .	9.0	29 38.21	61.2	2	3.759	+ 29 6 5.4	59.4	5	7.71
1959	Weisse (2) IV, 637 . .	8.8	29 40.56	62.6	2	3.628	+ 24 16 5.9	67.1	2	7.70
1960	ν^{2} Eridani	4.1	30 6.60	58.7	6	2.334	− 30 51 8.2	68.1	3	7.67
1961	Weisse IV, 646. . .	7.5*	4 30 22.13	69.0	2	+ 3.224	+ 7 1 56.5	56.7	3	+ 7.65
1962	Anonymous. . . .	8.8	30 39.05	69.1	2	2.446	− 26 50 59.1	67.0	2	7.62
1963	Weisse (2) IV, 669 . .	8.8	30 51.05	59.5	2	3.581	+ 22 22 13.1	56.1	2	7.61
1964	Lacaille 1531 . . .	7.6	30 54.63	63.4	3	2.432	− 27 20 1.0	66.4	4	7.60
1965	σ^{2} Tauri.	5.5	31 16.13	59.5	2	3.419	+ 15 38 14.6	57.0	4	7.57
1966	B. A. C. 1439 . . .	6.2	4 31 24.94	65.1	3	+ 2.328	− 31 0 10.3	68.1	2	+ 7.56
1967	Lacaille 1537 . . .	7.5	31 31.19	68.4	3	2.100	− 38 6 33.5	68.6	2	7.55
1968	Weisse (2) IV, 676 . .	7.5*	31 42.61	71.1	2	4.182	+ 41 51 21.6	70.9	2	7.53
1969	53 Eridani	5.5	31 46.22	61.6	3	2.750	− 14 34 51.0	69.3	5	7.53
1970	Anonymous. . . .	9.2	32 1.45	69.1	2	2.439	− 27 3 44.2	65.0	1	7.51
1971	σ^{2} Tauri.	5.5	4 32 15.92	69.1	2	+ 3.334	+ 11 55 8.4	58.1	3	+ 7.49
1972	Weisse (2) IV, 694 . .	5.5	32 19.84	69.1	2	4.041	+ 38 0 30.5	46.1	2	7.48
1973	Anonymous. . . .	8.2	32 21.00	64.1	3	2.425	− 27 32 35.6	68.1	2	7.48
1974	Weisse IV, 705. . .	8.0	32 27.73	69.0	3	3.224	+ 6 59 33.7	62.5	2	7.48
1975	Weisse (2) IV, 713 . .	9.0	33 1.04	62.4	5	3.584	+ 22 24 7.5	61.8	4	7.43
1976	Lacaille 1540 . . .	7.0*	4 33 10.32	62.1	1	+ 2.466	− 25 59 1.5	64.6	2	+ 7.42
1977	Anonymous . . .	. .	33 19.	. .	.	4.048	+ 38 9 15.0	46.1	1	7.41
1978	Weisse (2) IV, 719 . .	8.8	33 19.22	62.2	5	3.583	+ 22 21 11.0	59.6	6	7.41
1979	Lacaille 1541 . . .	7.2	33 19.26	65.5	5	2.406	− 28 11 27.4	66.1	2	7.41
1980	Weisse (2) IV, 720 . .	8.5	33 20.26	63.1	5	3.586	+ 22 27 27.0	68.1	2	7.40
1981	Weisse IV, 722 . . .	9.0*	4 33 30.75	64.3	4	+ 3.395	+ 14 32 55.2	68.6	2	+ 7.39
1982	Weisse IV, 725 . . .	9.0	33 36.58	69.0	1	3.247	+ 8 0 23.3	66.6	2	7.38
1983	Weisse IV, 727 . . .	8.0*	33 42.	. .	.	3.120	+ 2 13 49.3	61.9	1	7.37
1984	Weisse IV, 729 . . .	9.0	33 42.62	69.5	2	2.896	− 8 4 9.8	69.5	2	7.37
1985	Weisse IV, 728 . . .	9.0	33 44.94	59.1	2	3.142	+ 3 14 25.8	72.9	2	7.37
1986	Rumker 1250	6.5	4 33 48.24	64.1	2	+ 3.591	+ 22 40 11.5	67.0	2	+ 7.37
1987	τ Tauri.	5.0*	33 50.77	61.8	22	3.592	+ 22 41 4.5	66.8	3	7.36
1988	Weisse IV, 732 . . .	9.0	34 0.90	61.0	4	3.146	+ 3 23 8.2	62.0	2	7.35
1989	Weisse IV, 733. . .	9.0*	34 10.07	47.9	2	3.384	+ 14 3 16.4	47.9	2	7.34
1990	B. A. C. 1450 . . .	5.7	34 17.47	63.6	4	2.498	− 24 45 30.2	68.1	2	7.33

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			h. m. s.			"	° ' "			"
1991	54 Eridani	4.0*	4 34 19.12	62.6	2	+ 2.620	— 19 56 33.4	66.0	2	+ 7.32
1992	Anonymous		34 27.18	69.1	1	2.494	— 24 54 31.8	70.7	1	7.31
1993	Anonymous		34 52.27	65.1	1	2.467	— 25 55 . .	.		7.28
1994	Weisse IV, 754.	8.0	34 54.62	61.2	2	3.131	+ 2 43 11.1	62.3	3	7.28
1995	Lacaille 1549	7.6	35 6.82	63.9	8	2.396	— 28 27 53.1	67.1	2	7.26
1996	Lacaille 1553	7.3	4 35 25.72	65.0	3	+ 2.059	— 39 4 49.2	67.1	2	+ 7.23
1997	Lalande 8870	7.0	35 29.90	66.1	2	3.593	+ 22 40 39.1	67.0	2	7.23
1998	Anonymous	9.0	36 4.61	69.0	2	3.034	— 1 43 9.3	56.5	2	7.18
1999	Lacaille 1557	7.0	36 18.81	67.1	2	2.030	— 39 51 15.5	69.6	2	7.16
2000	Anonymous	6.5	36 27.85	69.1	2	2.530	— 23 26 45.1	67.5	2	7.15
2001	B. A. C. 1459	6.5*	4 36 39.15	64.5	2	+ 4.880	+ 55 20 51.3	54.0	2	+ 7.13
2002	B. A. C. 1460	7.0	36 40.49	61.6	3	3.312	+ 10 52 54.3	68.6	2	7.13
2003	Weisse IV, 794.	8.0	36 48.94	47.9	3	3.392	+ 14 21 48.2	58.0	2	7.12
2004	Lalande 8923	7.8	37 6.34	63.6	2	2.997	— 3 25 51.0	67.1	2	7.10
2005	β Cœli	5.5	37 6.54	67.1	2	2.115	— 37 25 10.6	68.0	2	7.10
2006	B. A. C. 1463	7.5*	4 37 15.59	58.9	2	+ 3.612	+ 23 22 0.5	54.0	5	+ 7.08
2007	O. Arg. S. 3325.	8.8	37 16.63	69.6	2	2.512	— 24 6 42.7	64.9	2	7.08
2008	Weisse IV, 806.	7.7	37 23.17	69.6	2	3.136	+ 2 56 42.0	55.0	3	7.07
2009	O. Arg. S. 3326.	7.8	37 23.92	64.1	3	2.518	— 23 53 39.1	68.1	2	7.07
2010	Weisse IV, 809.	8.0	37 33.51	60.5	4	3.035	— 1 41 47.9	61.2	4	7.06
2011	Lacaille 1564	5.3	4 37 44.71	67.5	2	+ 2.319	— 31 1 44.6	68.0	2	+ 7.05
2012	Lacaille 1568	8.2	37 52.94	69.5	2	2.054	— 39 7 25.1	67.1	2	7.04
2013	μ Eridani	4.1	38 30.24	63.3	26	2.995	— 3 30 51.1	66.1	3	6.98
2014	B. A. C. 1471	7.4	38 37.40	64.1	5	2.410	— 27 50 20.2	66.0	2	6.97
2015	Weisse IV, 824.	8.5*	38 38.15	47.9	3	3.391	+ 14 16 22.1	47.9	2	6.97
2016	Lacaille 1570	6.8	4 38 52.94	63.0	3	+ 2.399	— 28 12 36.3	66.1	3	+ 6.95
2017	Weisse (2) IV, 866	8.0*	39 31.70	69.1	2	3.783	+ 29 31 12.4	62.5	2	6.90
2018	Weisse (2) IV, 886	8.5*	40 3.97	69.6	2	3.644	+ 24 29 28.6	61.8	4	6.86
2019	O. Arg. S. 3360.	7.5	40 7.27	64.4	3	2.378	— 28 54 56.1	68.1	2	6.85
2020	α Camelopardi	4.2	40 9.37	63.1	9	5.908	+ 66 5 55.2	63.7	9	6.85
2021	Lacaille 1580	8.0	4 40 17.33	67.0	2	+ 2.475	— 25 25 3.6	68.6	2	+ 6.84
2022	1 Aurigæ	5.2	40 29.52	69.0	2	4.028	+ 37 14 12.6	46.5	5	6.82
2023	Anonymous	9.0	40 31.79	65.4	2	3.311	+ 10 45 56.2	69.1	2	6.82
2024	Anonymous	9.2	40 34. . .	.		3.309	+ 10 40 2.6	69.1	2	6.81
2025	Weisse (2) IV, 904	8.5	40 40.50	66.6	2	3.647	+ 24 33 13.5	67.6	2	6.80
2026	Anonymous	8.9	4 40 40.97	69.6	2	+ 3.309	+ 10 40 3.4	69.1	1	+ 6.80
2027	Anonymous	8.5	40 43.86	69.4	3	3.308	+ 10 36 57.4	69.1	1	6.80
2028	Anonymous		40 45. . .	.		3.309	+ 10 40 43.2	69.1	2	6.80
2029	Anonymous	8.8	40 45.52	67.4	8	3.310	+ 10 42 54.4	68.6	4	6.80
2030	(* 128) Washington	8.9	40 48.04	66.5	4	3.310	+ 10 41 38.2	68.1	1	6.79

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
2031	B. A. C. 1482 . . .	6.5	4 40 50.42	63.7	3	+ 2.394	− 28 19 34.4	65.0	3	+ 6.79
2032	Anonymous . . .	8.6	40 50.47	66.3	3	3.310	+ 10 42 54.1	67.0	2	6.79
2033	Anonymous . . .	. .	40 53.	. .	.	3.310	+ 10 41 38.7	68.8	3	6.79
2034	Anonymous . . .	10.0	40 55.75	65.1	2	3.036	− 1 36 37.7	58.1	1	6.78
2035	Anonymous . . .	9.4	40 57.59	67.1	2	3.310	+ 10 43	. .	.	6.78
2036	Anonymous . . .	7.0	4 41 0.47	65.1	1	+ 3.308	+ 10 38 18.3	69.1	3	+ 6.78
2037	O. Arg. S. 3382. . .	7.5	41 6.95	69.1	2	2.443	− 26 33 21.3	67.1	2	6.77
2038	Anonymous . . .	8.5	41 10.11	70.1	1	3.099	+ 1 13 2.5	56.5	2	6.77
2039	Lacaille 1595 . . .	7.0	41 24.48	67.5	2	2.155	− 36 3 42.2	68.8	3	6.74
2040	Lalande 9012 . . .	7.5*	41 26.68	71.0	2	4 358	+ 45 36 31.4	70.9	2	6.74
2041	O. Arg. S. 3389. . .	7.6	4 41 29.09	64.5	9	+ 2.355	− 29 39 38.0	67.5	2	+ 6.74
2042	Anonymous . . .	. .	41 30.	. .	.	2.344	− 30 0 54.2	69.1	1	6.74
2043	Weisse IV, 888. . .	8.5	41 32.84	61.8	3	3.037	− 1 36 23.4	61.9	6	6.73
2044	96 Tauri.	6.0*	41 43.67	64.9	2	3.426	+ 15 39 23.4	54.2	2	6.72
2045	π^1 Orionis	4.0	42 14.	. .	.	3.221	+ 6 42 49.5	69.1	2	6.59
2046	i Tauri.	5.5	4 43 11.22	61.3	8	+ 3.497	+ 18 35 52.3	60.9	6	+ 6.60
2047	Weisse IV, 925. . .	8.1	43 14.65	69.6	2	3.100	+ 1 17 0.6	56.3	4	6.59
2048	2 Aurigæ	5.3	43 15.93	69.0	3	4.005	+ 36 27 45.3	47.1	2	6.59
2049	Weisse IV, 926. . .	7.3	43 27.16	68.4	3	3.314	+ 10 49 31.7	64.6	2	6.58
2050	Lacaille 1610 . . .	6.7	44 3.15	65.0	2	2.201	− 34 33 23.3	65.6	2	6.53
2051	Lacaille 1611 . . .	6.5	4 44 3.92	67.1	2	+ 2.176	− 35 20 1.0	67.0	2	+ 6.58
2052	O. Arg. N. 5259 . .	7.2	44 15.60	62.4	7	4.654	+ 51 22 13.2	67.1	2	6.51
2053	Weisse (2) IV, 986. .	8.0	44 18.46	59.0	2	3.704	+ 26 32 27.3	63.8	7	6.50
2054	Anonymous . . .	9.2	44 27.	. .	.	4.299	+ 44 7 25.8	70.1	1	6.49
2055	Weisse IV, 957. . .	6.0*	44 37.02	47.9	1	3.388	+ 14 0 46.6	69.1	2	6.48
2056	B. A. C. 1496 . . .	6.5	4 44 37.40	66.6	2	+ 7.498	+ 74 2 41.4	68.6	2	+ 6.48
2057	Anonymous . . .	9.0	44 41.62	70.0	2	2.521	− 23 31 57.6	66.6	2	6.47
2058	Lacaille 1617 . . .	7.5	44 47.83	69.1	2	2.174	− 35 20 48.0	67.1	2	6.46
2059	Lalande 9106 . . .	7.2	44 48.58	69.8	3	4.287	+ 43 49 41.0	49.0	2	6.46
2060	O. Arg. S. 3437. . .	7.1	44 52.95	63.6	8	2.418	− 27 20 36.0	68.6	2	6.46
2061	Weisse IV, 972. . .	8.0	4 44 57.90	59.1	2	+ 3.100	+ 1 16 19.0	56.5	5	6.45
2062	Groombridge 892 . .	6.2	45 2.01	69.6	2	4.730	+ 52 38 13.0	62.0	2	6.44
2063	Anonymous . . .	9.0	45 5.17	49.1	1	4.289	+ 43 52 14.0	69.0	1	6.44
2064	Anonymous . . .	9.2	45 6.11	67.0	2	3.597	+ 22 32 14.3	69.6	2	6.44
2065	Lacaille 1615 . . .	7.1	45 21.86	63.9	6	2.466	− 25 33 1.7	66.1	2	6.42
2066	Anonymous . . .	9.0	4 45 22.70	56.0	3	+ 4.289	+ 43 52 13.7	49.0	1	+ 6.42
2067	Weisse (2) IV, 1012 .	9.0	45 27.10	65.1	3	3.598	+ 22 32 10.5	63.0	2	6.41
2068	Weisse IV, 986. . .	8.0	45 37.67	67.5	2	3.257	+ 8 19 11.7	66.6	2	6.40
2069	Lacaille 1622 . . .	6.2	45 40.16	70.1	2	2.053	− 38 48 19.3	67.1	2	6.39
2070	Anonymous. . . .	9.0	45 49.96	49.0	2	4.291	+ 43 53 16.4	69.0	1	6.39

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			h. m. s.			"	° ′ ″			"
2071	ω Eridani	5.0	4 46 0.94	61.6	3	+ 2.946	— 5 41 23.9	68.0	2	+ 6.36
2072	Anonymous.		46 7.56	69.1	2	3.101	+ 1 17 37.1	62.5	2	6.35
2073	B. A. C. 1511 . . .	5.7	46 22.57	62.6	2	2.179	— 35 8 38.5	66.4	3	6.33
2074	Lalande 9207 . . .	8.0	46 41.04	67.1	3	3.102	+ 1 20 11.1	61.8	4	6.31
2075	B. A. C. 1513 . . .	6.5	46 45.01	69.0	2	2.200	— 34 28 32.0	65.6	2	6.30
2076	Lacaille 1631 . . .	7.2	4 46 55.28	70.1	2	+ 2.050	— 38 50 50.3	68.6	2	+ 6.29
2077	B. A. C. 1510 . . .	6.0*	47 3.55	66.6	2	7.458	+ 73 51 6.0	70.5	2	6.28
2078	Weisse (2) IV, 1047 .	8.6	47 11.40	65.4	3	3.736	+ 27 36 35.9	65.0	3	6.26
2079	Anonymous . . .	7.4	47 14.31	64.3	4	2.312	— 30 53 43.5	68.1	2	6.26
2080	Weisse IV, 1028 . .	7.5	47 19.66	65.3	3	3.259	+ 8 22 9.5	64.6	2	6.25
2081	B. A. C. 1518 . . .	6.0*	4 47 44.06	65.0	2	+ 3.648	+ 24 21 53.3	54.0	3	+ 6.22
2082	ι Aurigæ	3.4	47 52.82	63.0	41	3.896	+ 32 56 25.1	61.6	4	6.21
2083	Anonymous . . .	9.0	48 20.00	65.6	2	3.806	+ 29 59 55.4	69.6	2	6.17
2084	Lacaille 1642 . . .	6.8	48 27.28	64.1	2	2.064	— 38 22 36.5	68.1	2	6.16
2085	o^2 Orionis	4.8	48 30.03	69.1	2	3.373	+ 13 17 22.6	58.1	2	6.16
2086	Weisse (2) IV, 1079 .	8.8	4 48 32.92	63.4	3	+ 3.805	+ 29 57 3.5	61.6	2	+ 6.15
2087	Lalande 9261 . . .	7.5	48 46.08	66.1	2	3.103	+ 1 23 52.4	67.1	2	6.13
2088	Anonymous		48 46.48	69.6	2	4.298	+ 43 55 7.4	59.0	2	6.13
2089	O. Arg. S. 3488. . .	8.0	48 53.02	67.1	2	2.424	— 26 57 32.1	66.1	2	6.12
2090	O. Arg. S. 3492. . .	8.0	49 5.52	63.6	2	2.455	— 25 52 51.3	65.1	2	6.11
2091	Weisse (2) IV, 1098 .	8.0	4 49 7.39	60.1	2	+ 3.804	+ 29 54 13.5	55.2	4	+ 6.10
2092	O. Arg. S. 3494. . .	7.7	49 9.41	64.3	4	2.363	— 29 6 37.9	70.0	2	6.10
2093	Lacaille 1652 . . .	6.3	49 15.28	64.1	3	2.063	— 38 23 39.9	68.1	3	6.09
2094	Lalande 9291 . . .	8.0	49 35.14	67.7	3	3.101	+ 1 17 46.3	61.8	4	6.06
2095	k Tauri	6.0*	49 35.53	59.8	3	3.662	+ 24 49 45.9	61.1	3	6.06
2096	4 Aurigæ	5.0*	4 49 45.38	46.0	1	+ 4.056	+ 37 40 29.0	46.3	4	+ 6.05
2097	O. Arg. S. 3506. . .	7.2	49 46.17	64.1	3	2.518	— 23 28 20.5	68.6	2	6.05
2098	B. A. C. 1531 . . .	6.8	49 46.54	31.6	2	2.451	— 25 57 16.5	58.6	5	6.05
2099	O. Arg. S. 3513. . .	8.1	50 14.13	64.4	3	2.396	— 27 55 39.8	68.1	1	6.01
2100	Schjellerup 1589 . .	9.5	50 20.31	67.4	3	3.102	+ 1 20 37.2	67.1	1	6.00
2101	O. Arg. S. 3516 . .	7.2	4 50 34.06	67.0	2	+ 2.517	— 23 30 45.7	68.6	2	+ 5.98
2102	Lacaille 1659, (1st *) .	7.8	50 39.34	64.6	2	2.002	— 39 59 4.1	70.9	1	5.98
2103	Anonymous. . . .	9.5	50 40.50	65.1	1	2.453	— 25 51 48.9	68.1	2	5.97
2104	Lacaille 1659, (2d *) .	7.6	50 44.58	64.6	2	2.002	— 39 58 53.3	70.9	2	5.97
2105	Weisse (2) IV, 1138 .	9.0	50 50.61	64.1	2	3.598	+ 22 22 15.9	69.6	2	5.96
2106	Weisse IV, 1105 . .	8.0	4 50 50.67	69.1	1	+ 3.104	+ 1 27 19.9	69.1	2	+ 5.96
2107	β Camelopardi . . .	4.5*	50 58.54	69.1	2	5.304	+ 60 13 54.5	64.4	6	5.95
2108	π^6 Orionis	6.0	51 17.68	45.8	2	3.105	+ 1 29 45.5	69.5	2	5.92
2109	Weisse (2) IV, 1165 .	8.3	51 45.11	61.0	4	3.598	+ 22 22 41.6	61.0	6	5.88
2110	Anonymous . . .		51 45.52	69.5	2	4.091	+ 38 34 37.2	46.1	1	5.88

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			h. m. s.			″	° ′ ″			″
2111	ε Aurigæ	4.5	4 51 55.73	64.6	2	+ 4.290	+ 43 36 40.8	54.1	4	+ 5.87
2112	Weisse (2) IV, 1172 .	8.6	52 8.77	60.7	5	3.599	+ 22 24 10.0	61.3	4	5.85
2113	Anonymous		52 17.12	49.0	1	4.325	+ 44 25 . .	.		5.84
2114	Lacaille 1666 . . .	7.5	52 41.52	67.1	2	2.172	− 35 6 40.7	70.1	2	5.81
2115	Anonymous . . .	7.1	53 2.53	64.1	3	2.359	− 29 6 10.4	70.0	2	5.78
2116	Anonymous . . .	6.0	4 53 2.66	63.1	2	+ 2.369	− 28 47 . .	.	+	5.78
2117	64 Eridani	6.0*	53 25. . .	.		2.782	− 12 44 47.8	47.1	2	5.74
2118	Lacaille 1673 . . .	6.8	53 36.45	63.6	6	2.372	− 28 39 21.3	67.8	3	5.73
2119	Anonymous . . .	8.8	53 42.60	67.1	2	3.208	+ 6 2 8.4	68.1	2	5.72
2120	O. Arg. N. 5439. . .	7.5	54 0.86	61.1	2	4.380	+ 45 34 37.8	68.6	2	5.70
2121	Lacaille 1675 . . .	7.0	4 54 2.58	63.6	2	+ 2.257	− 32 27 10.7	65.6	2	+ 5.69
2122	Lalande 9474 . . .	6.9	54 12.09	69.0	2	2.467	− 25 16 2.7	64.1	2	5.68
2123	Anonymous . . .	9.0	54 13.92	67.6	2	3.204	+ 5 51 21.7	69.1	1	5.68
2124	Anonymous . . .	10.0	54 14.05	70.0	1	2.366	− 28 49 16.2	69.1	1	5.68
2125	Lacaille 1678 . . .	7.0	54 26.40	64.6	2	2.102	− 37 5 15.1	70.9	2	5.66
2126	Anonymous . . .	8.7	4 54 28.62	63.1	1	+ 2.367	− 28 47 . .	.	+	5.66
2127	O. Arg. S. 3576. . .	8.3	54 29.03	65.8	4	2.338	− 29 47 16.9	68.6	2	5.65
2128	(* 129) Washington .	8.7	54 38.08	65.3	4	3.205	+ 5 55 . .	.		5.64
2129	ι Tauri	4.5*	54 43.79	59.4	19	3.574	+ 21 23 7.8	64.0	3	5.63
2130	Weisse (2) IV, 1249 .	7.0	55 18.24	66.1	2	3.822	+ 30 17 34.5	68.1	2	5.59
2131	Weisse (2) IV, 1257 .	8.3	4 55 37.14	61.8	4	+ 3.820	+ 30 12 12.4	62.1	5	+ 5.56
2132	Weisse (2) IV, 1258 .	8.3	55 38.41	61.8	4	3.819	+ 30 10 42.7	64.5	5	5.56
2133	Anonymous . . .	9.0	55 52. . .	.		3.742	+ 27 32 47.4	70.1	1	5.54
2134	Weisse (2) IV, 1261 .	8.0	55 53.08	65.9	2	3.741	+ 27 29 48.2	67.6	2	5.54
2135	Anonymous . . .	9.0	55 59.80	66.4	3	4.370	+ 45 16 30.1	62.0	2	5.53
2136	Weisse (2) IV, 1266 .	7.5	4 56 0.47	67.5	2	+ 3.577	+ 21 26 33.0	69.1	2	+ 5.53
2137	B. A. C. 1555 . . .	7.0*	56 1.20	59.6	2	3.567	+ 21 4 39.6	54.1	3	5.53
2138	Anonymous . . .	7.5	56 1.51	66.8	4	2.282	− 31 36 3.8	68.1	2	5.52
2139	Anonymous . . .	9.0	56 2.77	62.0	1	4.370	+ 45 16 34.3	69.6	2	5.52
2140	Anonymous . . .	8.5	56 12.96	67.7	3	2.282	− 31 36 41.8	69.1	1	5.51
2141	Anonymous . . .		4 56 27.99	49.0	2	+ 4.337	+ 44 32 . .	.	+	5.49
2142	B. A. C. 1559 . . .	5.0*	56 28.17	65.5	2	2.432	− 26 28 40.1	66.6	2	5.49
2143	11 Orionis	5.0	56 34.30	65.5	24	3.422	+ 15 12 20.8	64.9	2	5.48
2144	Radcliffe 1377 . . .	6.2	56 41.05	62.6	1	19.537	+ 85 31 58.8	67.1	2	5.47
2145	Lacaille 1693 . . .	7.0	56 47.56	64.1	3	2.282	− 31 33 7.6	68.1	2	5.46
2146	B. A. C. 1561 . . .	6.0*	4 56 54.98	60.1	2	+ 1.995	− 39 55 27.9	54.0	2	+ 5.45
2147	Anonymous . . .	8.6	56 57.26	69.1	3	4.366	+ 45 9 27.5	49.0	1	5.45
2148	Weisse (2) IV, 1299 .	7.8	57 10.72	60.4	2	3.615	+ 22 51 50.8	55.0	2	5.43
2149	B. A. C. 1562 . . .	6.0	57 13.51	59.1	2	3.706	+ 26 14 1.1	68.0	2	5.43
2150	Anonymous . . .	7.9	57 19.17	69.1	4	4.362	+ 45 3 50.2	60.5	4	5.42

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			h. m. s.			″	° ′ ″			″
2151	Lacaille 1704 . . .	5.7	4 58 5.22	65.0	2	+ 2.482	− 24 35 7.4	68.6	2	+ 5.35
2152	O. Arg. S. 3630. . .	8.5	58 21.00	64.4	3	2.391	− 27 51 22.9	68.1	1	5.33
2153	*m* Tauri.	5.5*	59 10.83	67.1	2	3.502	+ 18 27 11.8	70.1	2	5.26
2154	γ^1 Cœli	5.2	59 22.50	67.1	2	2.145	− 35 40 38.3	68.1	2	5.24
2155	Weisse (2) IV, 1364 .	8.5	59 31.05	60.9	3	3.825	+ 30 15 38.1	59.8	3	5.23
2156	*l* Tauri.	5.5	4 59 31.37	66.6	2	+ 3.547	+ 20 13 48.9	68.6	2	+ 5.23
2157	ε Leporis	3.3	59 32.18	61.7	43	2.536	− 22 33 42.6	60.9	5	5.23
2158	B. A. C. 1565 . . .	5.0*	59 33.60	69.1	4	9.750	+ 79 3 36.3	70.2	4	5.23
2159	103 Tauri.	5.5	59 34.87	59.2	3	3.649	+ 24 4 34.2	69.0	2	5.23
2160	B. A. C. 1578 . . .	7.0	59 35.29	66.1	2	2.433	− 26 20 38.9	68.7	3	5.23
2161	Anonymous . . .	8.7	4 59 37.89	69.1	1	+ 2.501	− 23 50 26.8	65.0	2	+ 5.22
2162	B. A. C. 1582 . . .	5.5	5 0 17.86	65.0	2	4.447	+ 46 47 3.7	54.2	2	5.19
2163	O. Arg. S. 3662. . .	7.5	0 30.21	69.1	2	2.423	− 26 40 46.1	67.0	2	5.15
2164	Anonymous . . .	8.5	0 44.26	69.7	3	3.806	+ 29 36 19.5	46.1	1	5.13
2165	Weisse (2) IV, 1414 .	7.7	0 48.94	69.7	3	3.809	+ 29 36 51.5	46.1	1	5.12
2166	Anonymous . . .	9.5	5 0 50. . .	.	+ 2.363	− 28 44 3.7	69.1	1	+ 5.12
2167	Weisse IV, 1379 . .	7.3	0 54.09	69.1	1	2.781	− 12 40 30.5	62.1	2	5.11
2168	O. Arg. S. 3670. . .	9.0	1 0.94	67.8	3	2.363	− 28 44 56.7	70.1	2	5.10
2169	Weisse IV, 1394 . .	7.8	1 20.71	69.1	2	2.779	− 12 46 33.7	62.1	2	5.08
2170	O. Arg. S. 3680. . .	9.5	1 28.11	65.0	1	2.362	− 28 45 7.0	70.0	1	5.07
2171	15 Orionis	5.0	5 1 41.22	53.9	4	+ 3.429	+ 15 24 51.7	58.5	2	+ 5.05
2172	Rumker, N. F., 2553 .	8.0	2 9.06	61.1	1	3.823	+ 30 7 16.7	66.1	2	5.01
2173	O. Arg. S. 3691 . .	8.2	2 9.20	64.1	3	2.349	− 29 9 46.2	67.6	2	5.01
2174	Weisse (2) V, 22 . .	6.2	2 43.60	69.5	2	3.812	+ 29 43 36.4	57.6	2	4.96
2175	O. Arg. S. 3710 . .	8.3	3 7.24	67.5	2	2.449	− 25 41 4.0	68.6	2	4.93
2176	Anonymous . . .	9.2	5 3 11.34	67.6	2	+ 3.170	+ 4 14 46.3	70.0	2	+ 4.92
2177	Anonymous . . .	. .	3 20. . .	.	3.826	+ 30 11 34.3	55.0	1	4.91
2178	Weisse (2) V, 49 . .	8.8	3 39.17	64.6	10	3.829	+ 30 15 44.3	61.3	4	4.88
2179	O. Arg. S. 3717. . .	8.6	3 40.55	64.1	1	2.457	− 25 23 24.4	69.1	2	4.88
2180	Weisse (2) V, 54 . .	8.0	3 41.66	55.3	4	3.712	+ 26 17 8.3	56.1	12	4.88
2181	O. Arg. S. 3720. . .	8.7	5 3 44.02	66.1	3	+ 2.452	− 25 33 55.7	70.1	1	+ 4.87
2182	μ Aurigæ	5.0*	3 51.07	58.0	2	4.097	+ 38 18 52.5	46.3	4	4.86
2183	Weisse V, 48	9.0*	4 1.90	58.0	3	3.400	+ 14 11 16.6	68.7	2	4.85
2184	Weisse V, 56 . . .	9.0	4 20.76	65.1	1	3.166	+ 4 9 46.4	70.5	2	4.82
2185	Weisse V, 55 . . .	7.8	4 20.86	65.4	2	3.166	+ 4 14 0.7	65.6	2	4.82
2186	Anonymous . . .	9.3	5 4 33.70	67.1	2	+ 2.449	− 25 39 11.8	70.1	1	+ 4.80
2187	Anonymous . . .	9.0	4 39.23	60.1	1	3.829	+ 30 16 . .	.	4.79
2188	Anonymous . . .	9.4	4 55.37	64.1	1	2.456	− 25 23 17.3	69.1	2	4.77
2189	Lacaille 1738 . . .	6.9	5 3.38	63.7	3	2.436	− 26 5 15.9	66.1	1	4.76
2190	Anonymous . . .	9.0	5 5.23	67.4	3	3.831	+ 30 17 37.4	70.1	1	4.76

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			h. m. s.			"	° ′ ″			"
2191	Anonymous . . .	. .	5 5 11.	. .	.	+ 2.448	− 25 39 10.6	71.0	1	+ 4.75
2192	Weisse (2) V, 111 . .	7.3	5 17.50	63.2	11	3.829	+ 30 13 49.9	63.5	8	4.74
2193	Anonymous . . .	9.3	5 25.	. .	.	2.449	− 25 36 18.3	70.1	1	4.73
2194	12 Aurigæ	6.0*	6 5.40	65.5	2	4.430	+ 46 15 5.4	59.7	5	4.67
2195	B. A. C. 1615 . . .	7.0	6 6.37	63.4	3	2.309	− 30 23 58.0	68.0	2	4.67
2196	*a* Aurigæ	1.0	5 6 21.06	53.2	102	+ 4.412	+ 45 51 6.3	52.1	72	+ 4.65
2197	(* 130) Washington .	8.8	6 28.85	65.8	2	3.122	+ 2 12 15.4	69.6	2	4.64
2198	Lacaille 1754 . . .	6.5	6 45.64	64.4	3	2.071	− 37 34 1.0	65.1	2	4.62
2199	Weisse V, 136 . . .	5.5	6 49.53	59.4	3	2.882	− 8 18 55.3	65.6	2	4.61
2200	Lacaille 1753 . . .	6.6	7 15.73	63.7	3	2.398	− 27 21 48.6	67.0	2	4.57
2201	Weisse V, 145 . . .	8.8	5 7 18.88	68.1	3	+ 3.126	+ 2 23 53.0	68.1	2	+ 4.57
2202	Anonymous. . . .	7.0	7 19.77	63.7	3	2.399	− 27 19 41.5	67.0	2	4.57
2203	Weisse V, 153 . . .	9.0	7 42.88	68.1	3	3.127	+ 2 25 28.8	68.6	2	4.54
2204	Weisse V, 156 . . .	9.0	7 47.12	68.1	3	3.128	+ 2 26 42.6	68.6	2	4.53
2205	Anonymous. . . .	. .	7 48.43	65.1	3	2.880	− 8 22	. .	.	4.53
2206	*β* Orionis	1.0	5 7 48.67	57.7	159	+ 2.880	− 8 21 59.0	52.9	37	+ 4.53
2207	Anonymous . . .	8.0	7 49.57	69.1	2	3.831	+ 30 13 6.3	66.1	1	4.52
2208	O. Arg. S. 3790. . .	9.0	8 37.99	67.7	3	2.394	− 27 28 33.9	67.6	2	4.46
2209	Lacaille 1763 . . .	6.8	8 50.26	63.1	2	2.426	− 26 22 11.2	67.1	2	4.44
2210	Anonymous. . . .	7.2	9 31.33	69.1	2	3.832	+ 30 13 20.7	68.0	2	4.38
2211	Lacaille 1770 . . .	6.8	5 9 39.80	64.1	3	+ 2.364	− 28 29 46.9	68.1	2	+ 4.37
2212	Lacaille 1774 . . .	7.6	9 55.33	64.4	3	2.321	− 29 55 11.1	69.1	2	4.35
2213	O. Arg. S. 3812 . .	9.2	10 10.48	65.8	3	2.391	− 27 32 45.2	67.6	2	4.34
2214	Lacaille 1780 . . .	6.5	10 15.06	65.6	2	2.095	− 36 48 45.7	65.1	2	4.33
2215	B. A. C. 1641 . . .	5.5	10 45.38	69.1	2	2.154	− 35 5 7.7	67.6	2	4.28
2216	*n* Tauri	6.0	5 10 52.02	61.1	9	+ 3.598	+ 21 56 52.6	57.5	5	+ 4.27
2217	Lacaille 1779 . . .	7.0*	10 52.20	67.8	3	2.449	− 25 29 20.7	68.1	2	4.27
2218	Weisse (2) V, 287 . .	8.5	11 2.77	66.1	2	3.837	+ 30 21 36.3	68.1	1	4.25
2219	Weisse (2) V, 296 . .	7.0	11 6.36	62.8	4	3.712	+ 26 6 31.3	57.9	12	4.25
2220	O. Arg. S. 3830. . .	7.8	11 40.18	64.4	5	2.394	− 27 23 56.6	67.6	2	4.20
2221	Lacaille 1787 . . .	7.5	5 11 41.79	63.1	2	+ 2.273	− 31 26 13.4	68.1	2	+ 4.20
2222	O. Arg. S. 3846. . .	9.0	12 6.58	69.1	2	2.387	− 27 38 16.1	68.6	2	4.17
2223	(* 131) Washington .	9.1	12 12.30	65.5	2	3.094	+ 0 58 20.7	67.1	2	4.14
2224	*o* Columbæ	5.0	12 25.93	65.4	2	2.155	− 35 2 6.5	66.5	2	4.13
2225	Anonymous . . .	. .	12 26.80	65.0	1	2.390	− 27 32	. .	.	4.13
2226	Anonymous . . .	6.8	5 12 32.44	66.1	3	+ 2.451	− 25 24 8.0	67.6	4	+ 4.12
2227	Anonymous . . .	7.8	12 33.41	66.1	3	2.450	− 25 25 59.5	67.6	4	4.12
2228	Anonymous . . .	6.8	13 3.23	69.1	3	4.078	+ 37 32 1.2	46.1	3	4.08
2229	Anonymous . . .	7.0	13 7.50	59.1	2	2.762	− 13 19 26.3	56.1	2	4.07
2230	O. Arg. S. 3862. . .	8.3	13 17.32	64.1	2	2.346	− 29 1 13.3	68.1	2	4.06

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			h. m. s.			″	′ ″			″
2231	B. A. C. 1655 . . .	5.7	5 13 48.92	63.9	4	+ 2.390	− 27 30 56.7	66.6	2	+ 4.01
2232	Anonymous . . .	9.0	14 0.30	65.0	1	2.450	− 25 24 2.8	69.1	2	4.01
2233	Lacaille 1798 . . .	6.7	14 5.47	62.7	3	2.431	− 26 4 33.2	64.1	2	3.99
2234	Anonymous . . .	. .	14 30.63	49.1	1	3.726	+ 26 31	. .	.	3.95
2235	B. A. C. 1661 . . .	7.5	14 44.03	66.4	3	3.151	+ 3 25 51.0	66.1	2	3.94
2236	Lacaille 1806 . . .	7.2	5 15 17.41	63.4	6	+ 2.335	− 29 20 55.9	66.4	3	+ 3.89
2237	*m* Orionis	7.0	15 28.64	62.2	2	3.150	+ 3 24 22.1	66.1	2	3.87
2238	Santini 345	8.5	15 29.61	66.8	3	3.150	+ 3 24 51.9	67.1	2	3.87
2239	Lalande 9884 . . .	8.0*	15 53.07	71.0	4	9.384	+ 78 15 20.5	70.9	2	3.85
2240	B. A. C. 1670, (1st *) .	6.2	16 1.54	63.1	3	2.462	− 24 54 41.5	67.6	2	3.82
2241	B. A. C. 1670, (2d *) .	9.0	5 16 1.80	63.1	2	+ 2.462	− 24 54 57.7	67.6	2	+ 3.82
2242	Weisse (2) V, 430 . .	8.1	16 4.15	69.1	2	4.094	+ 37 54 46.5	46.1	2	3.82
2243	Weisse (2) V, 431 . .	7.6	16 4.37	69.1	2	4.094	+ 37 54	. .	.	3.82
2244	B. A. C. 1673 . . .	5.5	16 12.75	65.4	2	2.170	− 34 29 7.6	67.1	2	3.81
2245	Anonymous . . .	9.0	16 33.78	64.9	2	2.589	− 20 10 38.7	69.1	2	3.78
2246	Weisse (2) V, 451 . .	8.2	5 16 36.69	61.2	7	+ 3.848	+ 30 34 3.8	57.0	2	+ 3.77
2247	Weisse (2) V, 452 . .	8.7	16 38.65	61.4	4	3.847	+ 30 33 20.7	62.6	2	3.77
2248	β Tauri	1.0	17 26.64	56.1	197	3.785	+ 28 29 8.0	52.6	28	3.70
2249	Weisse (2) V, 478 . .	8.3	17 30.41	65.3	3	3.576	+ 21 0 13.3	65.1	2	3.70
2250	B. A. C. 1662 . . .	7.2	17 30.59	65.8	2	18.439	+ 85 6 43.1	62.1	2	3.70
2251	B. A. C. 1688 . . .	6.1	5 17 34.48	62.4	3	+ 2.407	− 26 50 25.7	65.1	2	+ 3.69
2252	γ Orionis	2.0*	17 37.42	47.4	5	3.215	+ 6 13 9.8	57.0	2	3.69
2253	Anonymous . . .	. .	17 48.82	70.2	2	4.134	+ 38 55 45.3	50.1	1	3.65
2254	O. Arg. S. 3917. . .	9.0	17 49.12	67.1	2	2.690	− 16 11 24.8	68.1	1	3.67
2255	O. Arg. S. 3920. . .	8.4	17 57.42	67.8	3	2.691	− 16 10 27.9	68.0	2	3.66
2256	Lacaille 1827 . . .	7.4	5 17 57.47	63.8	3	+ 2.255	− 31 52 48.8	67.6	4	+ 3.66
2257	Weisse (2) V, 513 . .	8.5	18 25.10	60.1	2	3.726	+ 26 27 29.8	56.0	10	3.62
2258	115 Tauri	5.5*	19 0.19	64.4	2	3.496	+ 17 50 16.1	65.5	2	3.57
2259	Weisse (2) V, 530 . .	7.7	19 10.93	69.1	2	3.848	+ 30 31 21.8	63.5	2	3.56
2260	Weisse V, 449 . . .	7.0*	19 12.27	59.1	2	2.762	− 13 15 23.7	52.5	5	3.56
2261	*o* Tauri	5.8	5 19 13.74	58.4	3	+ 3.599	+ 21 48 48.1	68.2	2	+ 3.56
2262	Anonymous . . .	. .	19 25.04	49.1	1	3.728	+ 26 31	. .	.	3.53
2263	Σ Cat. Gen. 577, (1st *) .	. .	19 59.24	71.1	1	4.921	+ 54 33 5.8	71.0	2	3.48
2264	Σ Cat. Gen. 577, (2d *) .	7.0	20 0.42	71.1	3	4.921	+ 54 33 5.8	71.0	2	3.48
2265	Anonymous . . .	9.2	20 14.33	71.1	2	4.136	+ 38 56 23.2	50.1	1	3.46
2266	B. A. C. 1708 . . .	6.8	5 20 33.61	62.8	3	+ 2.792	− 12 1 16.7	65.1	3	+ 3.43
2267	Schjellerup 1787 . .	8.0	20 34.08	65.0	1	3.063	− 0 22 49.7	68.6	2	3.43
2268	Lacaille 1840 . . .	7.0	20 47.18	61.9	2	2.238	− 32 20 0.4	66.5	2	3.42
2269	Lacaille 1844 . . .	7.0	20 47.46	65.1	1	2.229	− 32 37 32.7	68.1	2	3.42
2270	B. A. C. 1711 . . .	7.0	20 55.76	60.1	2	3.563	+ 20 26 13.6	54.1	3	3.41

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			h. m. s.			″	° ′ ″			″
2271	Anonymous.		5 20 59.93	49.1	1	+ 3.729	+ 26 31 . .	.	+	3.40
2272	B. A. C. 1706 . . .	6.1	21 1.49	64.4	7	7.970	+ 74 56 31.2	63.9	8	3.39
2273	B. A. C. 1713 . . .	7.5	21 47.24	63.8	3	2.409	— 26 42 14.7	66.6	2	3.33
2274	Groombridge 980 . .	6.0	21 50.37	69.1	2	4.110	+ 38 12 31.0	46.1	1	3.33
2275	Anonymous . . .	9.0	21 55.69	65.6	2	3.734	+ 26 39 12.2	68.1	2	3.32
2276	β Leporis	4.0*	5 22 14.77	45.9	1	+ 2.569	— 20 52 26.2	69.6	2	+ 3.29
2277	Weisse (2) V, 630 . .	8.5	22 20.26	60.6	2	3.729	+ 26 28 19.6	57.4	12	3.28
2278	Anonymous. . . .	8.2	22 26.96	67.5	2	2.320	— 29 41 33.5	68.6	2	3.27
2279	Anonymous . . .	9.5	22 36.10	63.0	1	6.750	+ 70 16 . .	.		3.26
2280	Weisse (2) V, 647 . .	9.0	22 52.91	60.8	3	3.859	+ 30 48 59.3	68.7	2	3.23
2281	Anonymous . . .	9.0	5 22 54.94	67.6	2	+ 2 410	— 26 37 26.6	68.6	2	+ 3.23
2282	O. Arg. N. 5930 . .	8.2	22 55.18	69.1	2	6.751	+ 70 15 59.2	69.1	1	3.23
2283	Anonymous. . . .	8.5	22 58.76	64.1	2	2.326	— 29 28 36.2	68.6	2	3.23
2284	Anonymous . . .	8.4	23 4.76	64.1	2	2.326	— 29 28 1.4	68.6	2	3.23
2285	Rumker 1450 . . .	8.0	23 13.49	63.1	2	3.732	+ 26 34 32.4	61.6	4	3.20
2286	Anonymous. . . .	9.0	5 23 31.53	63.1	1	+ 3.062	— 0 26 7.0	70.1	2	+ 3.18
2287	χ Aurigæ	4.5	23 37.05	64.6	2	3.906	+ 32 5 4.6	70.1	2	3.17
2288	O. Arg. S. 4003 . .	8.5	23 44.25	65.6	2	2.303	— 30 13 50.3	66.2	2	3.16
2289	119 Tauri.	6.5	24 10.42	65.3	3	3.514	+ 18 29 11.6	70.0	2	3.12
2290	Anonymous . . .	8.1	24 42.86	64.5	2	2.352	— 28 32 52.8	67.6	2	3.08
2291	Weisse V, 603 . . .	9.0	5 24 51.31	64.0	4	+ 3.063	— 0 23 29.3	47.1	2	+ 3.06
2292	δ Orionis	2.5	24 51.33	55.2	185	3.063	— 0 24 22.2	49.3	57	3.06
2293	120 Tauri	6.0*	25 19.39	67.2	2	3.512	+ 18 26 11.5	70.0	2	3.02
2294	Lalande 10426 . . .	7.0	25 27.99	67.1	2	3.070	— 0 5 33.5	68.1	2	3.01
2295	Anonymous . . .	7.7	25 32.09	67.0	2	2.350	— 28 38 28.1	68.2	2	3.00
2296	B. A. C. 1736 . . .	6.0	5 25 41.78	60.2	2	+ 4.521	+ 47 37 2.8	54.2	3	+ 2.99
2297	Anonymous . . .	8.5	25 54.84	69.1	2	2.759	— 13 19 33.1	56.1	2	2.97
2298	Anonymous . . .	9.0	25 54.86	59.1	2	2.752	— 13 37 . .	.		2.97
2299	Anonymous . . .	8.0	26 14.79	70.0	2	2.946	— 5 26 42.7	67.1	1	2.92
2300	α Leporis	2.8	26 33.40	55.0	33	2.644	— 17 55 30.5	56.2	6	2.92
2301	121 Tauri	5.5	5 26 54.11	61.1	2	+ 3.660	+ 23 56 31.7	61.4	4	+ 2.89
2302	Weisse (2) V, 782 . .	9.0	27 0.94	60.1	2	3.869	+ 31 3 21.7	64.7	3	2.88
2303	Anonymous . . .		27 3.22	70.1	2	2.940	— 5 39 . .	.		2.87
2304	Rumker 1473 . . .	7.8	27 3.37	66.4	4	3.583	+ 21 6 29.5	66.6	2	2.87
2305	Anonymous. . . .	9.3	27 5.63	65.8	1	3.581	+ 21 2 . .	.		2.87
2306	Groombridge 990 . .	7.0*	5 27 16.53	71.1	2	+ 4.727	+ 51 20 56.1	71.0	1	+ 2.85
2307	O. Arg. S. 4060 . .	6.8	27 19.49	64.1	3	2.442	— 25 28 6.5	67.6	2	2.85
2308	Anonymous . . .	7.5	27 28.88	67.1	2	2.645	— 17 53 6.6	70.1	2	2.84
2309	Anonymous . . .		27 55.00	70.0	1	2.940	— 5 40 36.1	67.1	2	2.80
2310	Σ Cat. Gen. 599 . . .	9.1	28 1.06	65.7	4	3.583	+ 21 5 35.4	65.1	1	2.79

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			h. m. s.			″	° ′ ″			″
2311	Anonymous		5 28 7.35	69.1	1	+ 3.736	+ 26 37 50.5	67.1	1	+ 2.70
2312	θ^1 Orionis, (1st *)		28 23.37	70.8	4	2.945	− 5 28 59.7	67.6	2	2.76
2313	θ^1 Orionis, (2d *)		28 23.69	71.1	3	2.945	− 5 29	. .	.	2.76
2314	θ^1 Orionis, (3d *)	5.5	28 23.99	69.1	5	2.945	− 5 29 8.3	67.6	2	2.76
2315	θ^1 Orionis, (4th *)		28 24.64	70.8	3	2.945	− 5 29 2.2	67.6	2	2.76
2316	B. A. C. 1761	6.8	5 28 28.48	62.6	2	+ 2.309	− 29 56 51.7	66.1	4	+ 2.75
2317	θ^2 Orionis, (1st *)	5.5	28 30.45	66.0	2	2.944	− 5 30 39.9	71.0	1	2.74
2318	θ^2 Orionis, (2d *)		28 34.02	70.1	1	2.944	− 5 30 43.9	69.0	2	2.74
2319	Anonymous	8.5	28 46.98	69.1	3	3.734	+ 26 33 43.8	56.0	6	2.72
2320	Anonymous	9.0	28 56.63	65.6	2	3.738	+ 26 40 32.8	68.6	2	2.71
2321	Lalande 10567	6.8	5 29 2.32	69.6	4	+ 2.939	− 5 43 18.8	66.8	3	+ 2.70
2322	ε Orionis	2.0	29 6.65	56.1	153	3.042	− 1 17 40.3	50.3	23	2.69
2323	Anonymous		29 12	. .	.	3.705	+ 25 31 12.6	69.1	2	2.69
2324	O. Arg. N. 6031	8.0	29 15.56	63.6	6	6.487	+ 68 47 33.6	63.9	2	2.68
2325	Anonymous		29 16.69	61.1	1	3.705	+ 25 32	. .	.	2.68
2326	ζ Tauri	2.5	5 29 16.76	61.1	20	+ 3.582	+ 21 3 12.2	61.2	2	+ 2.68
2327	Anonymous	6.0	29 23.35	69.4	3	2.939	− 5 44 24.1	66.8	3	2.67
2328	Anonymous	9.0	29 25.53	64.6	2	3.041	− 1 19 40.1	69.1	2	2.67
2329	O. Arg. S. 4102	8.3	29 49.65	66.2	2	2.389	− 27 15 41.6	67.6	2	2.63
2330	B. A. C. 1769	6.0*	29 58.98	60.1	2	4.858	+ 53 25 10.2	54.1	3	2.62
2331	Anonymous	9.0	5 30 2.08	65.6	2	+ 3.738	+ 26 40 24.7	68.1	2	+ 2.61
2332	Weisse (2) V, 912	7.0	30 13.92	62.9	4	3.734	+ 26 31 56.9	58.1	15	2.60
2333	O. Arg. N. 6052	8.6	30 22.82	63.5	4	6.488	+ 68 47 12.9	69.2	1	2.58
2334	Lacaille 1906	7.2	30 35.88	64.0	2	2.287	− 30 37 37.5	68.6	2	2.57
2335	B. A. C. 1775	6.0*	30 41.84	65.6	2	2.343	− 28 47 52.5	66.6	2	2.56
2336	125 Tauri	5.5	5 31 3.57	69.1	1	+ 3.714	+ 25 48 52.5	58.2	2	+ 2.53
2337	Weisse V, 776	6.8	31 7.52	64.5	2	3.043	− 1 15 18.0	68.6	2	2.52
2338	Anonymous	9.0	31 12.01	63.0	1	6.756	+ 70 12	. .	.	2.51
2339	Weisse (2) V, 955	9.2	31 14.92	67.1	3	3.738	+ 26 39 30.5	67.1	2	2.51
2340	Anonymous		31 35.	. .	.	6.775	+ 70 17 19.7	70.1	2	2.48
2341	O. Arg. N. 6082	8.0	5 31 43.49	66.3	5	+ 6.756	+ 70 11 38.6	66.1	4	+ 2.47
2342	B. A. C. 1783	6.8	31 44.69	63.1	3	2.368	− 27 57 20.4	67.6	2	2.47
2343	Lalande 10621	8.0*	31 54.	. .	.	4.112	+ 38 6 35.2	70.2	1	2.45
2344	Lacaille 1913	7.4	32 5.37	66.6	2	2.402	− 26 48 15.2	68.5	2	2.44
2345	O. Arg. S. 4142	9.0	32 8.92	67.6	2	2.269	− 31 11 25.4	68.1	2	2.43
2346	B. A. C. 1786	6.0*	5 32 10.92	65.6	2	+ 2.345	− 28 42 38.2	68.1	1	+ 2.43
2347	Lacaille 1916	7.0	32 13.25	65.7	5	2.270	− 31 8 50.0	67.8	3	2.42
2348	B. A. C. 1787	6.5	32 16.79	62.2	2	2.343	− 28 46 34.7	66.3	4	2.42
2349	Anonymous	7.3	32 23.48	64.5	2	2.336	− 29 1 21.8	70.2	2	2.41
2350	Anonymous	8.0	32 25.93	69.1	2	2.750	− 13 37 52.1	63.1	2	2.40

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			h. m. s.			″	° ′ ″			″
2351	Lacaille 1918 . . .	7.1	5 32 32.64	66.5	2	+ 2.387	− 27 17 41.4	69.8	4	+ 2.40
2352	Lalande 10650 . . .	6.0	32 42.26	69.1	2	4.114	+ 38 7 18.4	56.5	3	2.38
2353	Anonymous . . .	8.5	32 44.62	69.1	2	3.588	+ 21 14 51.8	66.7	2	2.38
2354	Lacaille 1924 . . .	7.0*	32 46.80	68.1	2	2.150	− 34 46 23.2	62.2	3	2.38
2355	Anonymous . . .	7.0	32 53.47	69.1	2	3.735	+ 26 32 18.4	56.0	9	2.37
2356	Lalande 10666 . . .	6.0	5 33 10.76	69.1	2	+ 4.114	+ 38 7 25.2	55.8	3	+ 2.34
2357	Weisse (2) V, 1064. .	7.2	33 32.51	58.1	2	3.832	+ 29 46 37.4	46.2	5	2.31
2358	ζ Orionis	5.0	33 41.72	46.8	4	3.025	− 2 1 12.6	68.0	2	2.30
2359	Anonymous . . .	7.0	33 54.62	69.1	2	4.120	+ 38 16 56.4	49 1	1	2.28
2360	Weisse V, 874 . . .	8.0	34 20.54	59.0	2	2.747	− 13 45 30.6	56.4	3	2.24
2361	α Columbæ	2.0*	5 34 34.86	55.3	64	+ 2.171	− 34 9 3.9	50.0	49	+ 2.22
2362	B. A. C. 1803 . . .	5.5	34 39.25	65.4	2	2.219	− 32 42 18.9	66.1	2	2.21
2363	Anonymous . . .	8.2	35 21.27	64.1	2	2.436	− 25 34 56.1	67.6	2	2.15
2364	O. Arg. S. 4213. . .	6.8	35 28.70	63.9	5	2.311	− 29 47 45.7	66.0	1	2.14
2365	Weisse (2) V, 1147. .	8.5*	35 38.35	69.1	1	3.879	+ 31 14 17.5	67.1	2	2.13
2366	Weisse (2) V, 1149. .	8.7	5 35 38.48	65.6	2	+ 3.879	+ 31 14 17.5	67.1	2	+ 2.13
2367	Lacaille 1946 . . .	7.9	35 40.48	64.6	3	2.411	− 26 25 16.6	67.0	2	2.12
2368	O. Arg. N. 6159 . .	7.1	35 56.70	63.2	9	6.986	+ 71 14 6.1	63.2	4	2.11
2369	B. A. C. 1809 . . .	6.0	36 19.70	65.6	2	2.193	− 33 28 21.4	67.6	2	2.07
2370	Lalande 10797 . . .	8.0*	36 24.74	71.0	2	4.083	+ 37 14 21.4	69.9	2	2.06
2371	Weisse (2) V, 1180. .	7.0	5 36 25.90	59.1	3	+ 3.879	+ 31 15 39.5	61.1	4	+ 2.06
2372	O. Arg. S. 4237 . .	7.8	36 47.92	63.6	6	2.371	− 27 46 36.0	67.1	2	2.02
2373	B. A. C. 1812 . . .	5.8	36 51.52	63.2	2	2.285	− 30 36 20.4	67.8	3	2.02
2374	Lacaille 1964 . . .	5.5	37 14.10	67.1	2	2.149	− 34 44 17.5	62.2	3	1.99
2375	Lacaille 1967 . . .	7.2	37 48.98	67.1	2	2.174	− 34 1 29.9	68.1	2	1.94
2376	B. A. C. 1817 . . .	6.0	5 38 7.46	61.9	2	+ 2.191	− 33 29 28.7	66.6	2	+ 1.91
2377	Lalande 10871 . . .	6.5	38 34.79	69.1	2	4.008	+ 35 6 9.9	47.1	1	1.87
2378	O. Arg. S. 4263. . .	7.7	38 39.60	64.1	3	2.567	− 20 45 33.8	67.6	2	1.86
2379	O. Arg. S. 4264. . .	7.0	38 39.72	67.1	2	2.374	− 27 36 30.9	68.6	2	1.86
2380	129 Tauri.	6.0*	38 42.49	62.0	5	3.448	+ 15 45 49.4	58.7	5	1.86
2381	Anonymous . . .	8.0	5 38 43.86	64.7	3	+ 2.282	− 30 40 25.8	67.6	2	+ 1.86
2382	Anonymous . . .	9.0	38 48. . .	.		2.567	− 20 47 4.6	69.1	2	1.85
2383	131 Tauri.	6.0	39 14.77	60.1	4	3.415	+ 14 25 57.2	66.6	2	1.82
2384	O. Arg S. 4282 . . .	8.0	39 28.26	63.9	2	2.488	− 23 41 22.9	67.1	2	1.79
2385	Weisse (2) V, 1296. .	7.0	39 41.84	69.1	2	4.138	+ 38 41 14.6	46.2	3	1.77
2386	O. Arg. S. 4294. . .	7.3	5 39 57.57	64.1	2	+ 2.377	− 27 32 37.9	68.0	2	+ 1.75
2387	Lacaille 1977 . . .	7.1	39 58.23	63.9	5	2.248	− 31 43 44.7	68.1	2	1.75
2388	Anonymous. . . .	8.0	39 58.43	69.1	2	3.832	+ 29 41 49.1	46.2	1	1.75
2389	Weisse (2) V, 1301. .	7.5	40 1.69	69.1	2	4.137	+ 38 38 46.7	46.2	2	1.74
2390	Weisse (2) V. 1325. .	8.0	40 20.50	69.1	2	3.831	+ 29 40 31.8	46.2	3	1.72

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			h. m. s.			″	° ′ ″			″
2391	Lacaille 1978 . . .	7.1	5 40 25.53	63.3	4	+ 2.487	— 23 42 5.7	67.1	2	+ 1.71
2392	Rumker 1576 . . .	9.2	40 49.41	65.1	3	3.653	+ 23 34 34.4	68.1	2	1.68
2393	κ Orionis	4.0	41 7.14	53.2	6	2.844	— 9 43 21.1	51.6	8	1.65
2394	Anonymous . . .	8.5	41 11.05	67.1	2	3.656	+ 23 39 37.9	69.1	2	1.64
2395	Weisse V, 1034. . . .	9.0*	41 22.	. .	.	3.303	+ 9 50 35.7	69.1	2	1.63
2396	Anonymous . . .	9.2	5 41 22.10	63.6	6	+ 3.716	+ 25 47 46.5	69.4	3	+ 1.63
2397	Anonymous . . .	9.0	41 22.71	61.1	1	3.303	+ 9 49	. .	.	1.63
2398	Lacaille 1987 . . .	7.0	41 26.26	62.1	2	2.335	— 28 56 23.2	66.6	2	1.62
2399	Weisse V, 1045 . .	8.0	41 27.02	66.0	2	2.750	— 13 34 39.7	61.7	2	1.62
2400	ν Aurigæ	5.5*	41 29.53	69.1	2	4.086	+ 37 15 40.2	47.1	2	1.62
2401	Lacaille 1990 . . .	6.0	5 41 36.50	63.0	6	+ 2.342	— 28 41 31.1	67.6	2	+ 1.61
2402	Lacaille 1991 . . .	7.6	41 47.14	63.5	2	2.388	— 27 11 11.4	68.6	2	1.59
2403	Anonymous . . .	8.5	42 5.01	59.1	2	2.747	— 13 42 16.9	69.1	2	1.57
2404	Anonymous . . .	9.2	42 16.45	65.4	3	7.100	+ 71 41 9.8	70.1	2	1.55
2405	Anonymous . . .	8.8	42 18.92	66.0	2	7.082	+ 71 36 44.5	70.1	2	1.55
2406	O. Arg. N. 6250. . .	8.9	5 42 19.25	64.0	8	+ 7.064	+ 71 32 1.3	62.6	3	+ 1.55
2407	B. A. C. 1851 . . .	6.0*	42 20.00	61.3	3	3.303	+ 9 49 30.5	66.5	2	1.54
2408	Lacaille 1993 . . .	6.5	42 22.61	65.6	2	2.113	— 35 43 36.8	68.6	2	1.54
2409	(* 94) Washington . .	9.1	43 41.86	64.3	3	3.716	+ 25 45 23.1	69.1	2	1.43
2410	O. Arg. S. 4355. . .	7.9	43 58.50	64.3	4	2.408	— 26 23	. .	.	1.40
2411	B. A. C. 1860 . . .	6.6	5 44 2.72	64.0	2	+ 2.505	— 23 1 1.5	64.8	3	+ 1.39
2412	136 Tauri	4.5*	44 31.71	60.8	8	3.769	+ 27 34 30.6	61.5	3	1.35
2413	Anonymous . . .	. .	44 46.11	70.0	2	3.565	+ 20 16 34.9	67.1	2	1.33
2414	B. A. C. 1867 . . .	6.5	44 59.82	61.7	6	3.564	+ 20 15 44.0	61.8	5	1.31
2415	Lacaille 2015 . . .	7.0	44 59.86	67.8	3	2.210	— 32 51 4.9	68.1	2	1.31
2416	Weisse V, 1143. . .	8.0	5 45 11.12	59.1	2	+ 2.743	— 13 50 33.2	56.8	3	+ 1.30
2417	Anonymous . . .	. .	45 26.05	69.1	2	3.737	+ 26 28 57.9	56.0	3	1.28
2418	Lacaille 2018 . . .	5.5	45 37.52	65.6	2	2.506	— 22 57 50.5	65.1	2	1.26
2419	χ^1 Orionis	5.0*	46 5.57	62.3	17	3.564	+ 20 14 46.5	57.1	8	1.22
2420	Weisse V, 1176 . .	8.0	46 10.90	64.1	2	2.724	— 14 35 35.2	68.7	2	1.21
2421	Lacaille 2023 . . .	6.5	5 46 12.24	62.6	2	+ 2.442	— 25 15 21.7	66.1	2	+ 1.21
2422	O. Arg. S. 4395 . . .	6.6	46 26.46	64.1	2	2.422	— 25 58 53.0	67.1	1	1.19
2423	Lacaille 2033 . . .	6.5	46 34.00	64.1	4	2.317	— 29 29 9.5	68.0	2	1.17
2424	Anonymous . . .	. .	46 44.93	70.1	2	7.290	+ 72 26 25.0	69.2	1	1.16
2425	B. A. C. 1881 . . .	6.0*	46 47.79	61.9	1	6.199	+ 66 52 59.0	67.1	2	1.16
2426	Weisse (2) V, 1534. .	8.8	5 46 55.97	62.9	4	+ 3.736	+ 26 26 59.7	56.0	10	+ 1.15
2427	α Orionis	1.0	47 35.60	56.0	215	3.245	+ 7 22 39.0	50.2	85	1.08
2428	Weisse V, 1204 . .	8.0*	47 35.74	59.5	2	2.735	— 14 9 34.1	65.1	2	1.08
2429	Weisse V, 1200 . .	7.0	47 37.86	60.1	3	2.976	— 4 5 40.7	65.7	3	1.08
2430	δ Aurigæ	3.5*	47 59.72	45.9	2	4.928	+ 54 16 5.5	58.2	2	1.05

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2431	λ Columbæ	4.5	5 48 2.05	63.4	2	+ 2.177	− 33 50 4.8	67.1	2	+ 1.05
2432	Weisse V, 1220. . .	9.0	48 19.27	69.1	2	2.977	− 4 4 53.3	67.1	2	1.02
2433	Anonymous . . .	9.0	48 23.18	69.6	2	3.245	+ 7 22 17.9	69.1	1	1.02
2434	Anonymous . . .	9.0	48 40.09	70.0	1	3.243	+ 7 17 38.8	68.1	1	0.99
2435	B. A. C. 1894 . . .	5.8	48 48.40	63.5	3	2.326	− 29 10 27.4	68.6	2	0.98
2436	O. Arg. N. 6356 . .	8.0	5 48 59.00	65.9	6	+ 7.280	+ 72 23 30.1	68.6	2	+ 0.96
2437	Anonymous . . .	. .	49	. .	.	7.292	+ 72 26 15.0	62.6	1	0.96
2438	Anonymous . . .	. .	49	. .	.	7.335	+ 72 36 10.4	62.6	1	0.96
2439	Weisse (2) V, 1598. .	8.2	49 0.01	61.1	2	3.611	+ 21 57 41.1	58.1	2	0.96
2440	Lacaille 2048 . . .	6.5	49 3.11	62.7	3	2.401	− 26 41 23.3	68.1	2	0.96
2441	Anonymous . . .	. .	5 49 9.37	64.6	2	+ 2.333	− 28 56 45.8	69.6	2	+ 0.95
2442	β Aurigæ	3.0	49 15.48	57.7	2	4.404	+ 44 55 42.0	68.2	2	0.94
2443	139 Tauri	5.5	49 18.45	64.0	2	3.722	+ 25 55 56.6	68.1	2	0.94
2444	O. Arg. N. 6362 . .	7.8	49 35.98	65.9	6	7.334	+ 72 35 56.7	63.3	4	0.91
2445	Weisse (2) V, 1621. .	8.6	49 39.50	69.1	2	3.613	+ 22 2 48.9	67.5	3	0.91
2446	η Leporis	4.5	5 50 1.74	64.1	2	+ 2.735	− 14 11 47.8	49.2	3	+ 0.87
2447	O. Arg. S. 4453. . .	7.7	50 7.86	64.6	4	2.332	− 28 58 41.4	68.1	1	0.86
2448	Anonymous . . .	9.0	50 7.92	65.1	1	2.327	− 29 9 40.3	68.1	1	0.86
2449	Anonymous . . .	. .	50 10.	. .	.	3.247	+ 7 28 43.9	70.0	1	0.86
2450	θ Aurigæ	4.5	50 10.36	65.6	2	4.086	+ 37 11 55.7	47.3	6	0.86
2451	B. A. C. 1879 . . .	7.4	5 50 13.05	62.0	8	+26.667	+ 86 45 35.0	68.2	2	+ 0.86
2452	O. Arg. S. 4457 . .	8.0	50 13.42	70.4	3	2.327	− 29 9 38.6	68.1	2	0.87
2453	Anonymous . . .	7.3	50 14.11	65.8	4	2.302	− 29 56 36.2	69.1	2	0.85
2454	Anonymous . . .	9.0	50 14.61	65.1	1	3.243	+ 7 18 4.3	68.1	1	0.85
2455	Anonymous . . .	7.7	50 15.89	67.1	2	2.301	− 29 58 57.2	68.2	1	0.85
2456	Anonymous . . .	. .	5 50 16.	. .	.	+ 2.302	− 29 56 26.9	70.0	1	+ 0.85
2457	Anonymous . . .	9.0	50 18.72	70.0	2	3.244	+ 7 20 58.0	68.6	2	0.85
2458	36 Aurigæ	7.0	50 21.31	64.6	2	4.550	+ 47 53 16.7	54.1	3	0.85
2459	Anonymous . . .	. .	50 28.64	69.2	2	3.562	+ 20 9 5.7	56.2	1	0.83
2460	Lacaille 2065 . . .	6.3	50 43.68	67.6	2	2.251	− 31 33 18.7	70.1	1	0.81
2461	Lacaille 2062 . . .	6.6	5 50 44.40	63.0	3	+ 2.498	− 23 14 16.3	70.0	1	+ 0.81
2462	σ Columbæ	5.9	51 4.96	64.6	2	2.256	− 31 24 16.1	66.1	2	0.78
2463	Anonymous . . .	8.0	51 12.11	66.7	3	3.552	+ 19 45 50.4	62.7	2	0.77
2464	Anonymous . . .	7.8	51 24.08	59.3	5	2.733	− 14 13 42.2	56.1	2	0.75
2465	O. Arg. N. 6390 . .	8.8	51 25.42	63.4	9	7.262	+ 72 18 51.8	69.1	1	0.75
2466	O. Arg. S. 4474. . .	7.7	5 51 31.50	64.4	3	+ 2.338	− 28 46 39.2	70.5	2	+ 0.74
2467	Weisse (2) V, 1686. .	8.5	51 43.98	65.1	2	3.560	+ 20 3 38.7	67.1	1	0.72
2468	Anonymous . . .	7.0	51 45.56	62.1	1	2.386	− 27 10	. .	.	0.72
2469	O. Arg. S. 4481 . .	8.3	51 46.32	64.1	2	2.335	− 28 53 45.9	68.1	2	0.72
2470	Weisse (2) V, 1701. .	8.0	51 58.62	61.1	1	3.560	+ 20 2 32.5	67.1	1	0.70

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			h. m. s.			″	° ′ ″			″
2471	Anonymous . . .	8.0	5 52 8.54	69.2	1	+ 4.061	+ 36 30 21.0	47.1	1	+ 0.69
2472	Anonymous . . .	9.0	52 9.07	69.2	1	4.061	+ 36 30 13.8	47.1	1	0.69
2473	Weisse V, 1335. . .	8.3	52 27.48	59.4	3	2.733	− 14 13 16.0	56.2	2	0.66
2474	γ Columbæ	4.5	52 34.40	67.3	3	2.126	− 35 18 3.1	66.1	2	0.65
2475	Anonymous . . .	9.0	52 34.99	65.0	2	3.648	+ 23 19 42.3	68.6	2	0.65
2476	Anonymous	8.0	5 52 36.93	69.1	2	+ 3.553	+ 19 48 14.2	62.7	2	+ 0.65
2477	Lalande 11343 . . .	8.0	52 36.95	66.5	2	3.648	+ 23 17 39.5	68.6	2	0.64
2478	B. A. C. 1915 . . .	7.1	52 42.62	67.0	2	2.238	− 31 59	. .	.	0.64
2479	O. Arg. S. 4499. . .	7.7	52 48.68	64.5	5	2.328	− 29 7 30.1	69.2	2	0.63
2480	Lacaille 2085 . . .	7.0	52 50.77	67.5	2	2.154	− 34 29 33.1	70.2	1	0.63
2481	Weisse V, 1368, (1st *)	8.5	5 53 39.34	66.1	3	+ 2.739	− 13 58 23.2	68.9	3	+ 0.55
2482	Weisse V, 1368, (2d *)	9.0	53 39.78	70.0	1	2.739	− 13 58 23.2	68.9	3	0.55
2483	Anonymous . . .	7.8	53 44.29	66.8	3	3.736	+ 26 25 32.6	65.1	2	0.55
2484	Weisse V, 1372. . .	8.5	53 52.35	59.1	3	2.734	− 14 11 9.5	47.2	2	0.54
2485	Lacaille 2090 . . .	7.3	53 54.38	64.9	1	2.158	− 34 22 19.7	69.1	1	0.53
2486	Weisse V, 1378. . .	9.0*	5 53 58.67	69.1	1	+ 2.738	− 14 1 33.1	56.1	2	+ 0.53
2487	Lacaille 2092 . . .	7.5	54 5.56	67.1	2	2.176	− 33 49 54.1	68.2	1	0.52
2488	O. Arg. S. 4527. . .	7.5	54 37.20	64.3	6	2.324	− 29 13 0.9	68.6	2	0.47
2489	Anonymous . . .	. .	54 40.	. .	.	3.736	+ 26 24 56.6	65.1	1	0.47
2490	μ Orionis	4.8	54 40.87	57.5	4	3.298	+ 9 38 34.8	69.1	2	0.47
2491	Lacaille 2094 . . .	7.0	5 54 41.72	69.6	2	+ 2.123	− 35 21 53.8	68.2	2	+ 0.46
2492	Rumker 1673 . . .	8.5	54 44.86	60.1	2	3.732	+ 26 16 35.3	59.0	11	0.46
2493	Weisse (2) V, 1783 . .	7.8	54 45.19	62.1	5	3.986	+ 34 22 21.1	68.2	2	0.46
2494	B. A. C. 1930 . . .	7.5	54 47.50	60.6	2	3.498	+ 17 39 42.9	62.8	3	0.46
2495	Weisse (2) V, 1795. .	7.0*	54 50.43	69.1	2	3.739	+ 26 31 36.4	65.1	2	0.45
2496	O. Arg. S. 4534 . .	7.6	5 54 57.40	64.3	6	+ 2.364	− 27 53 47.0	67.7	2	+ 0.46
2497	Rumker 1680 . . .	8.5	55 9.44	67.4	3	3.735	+ 26 21 5.6	56.9	12	0.42
2498	χ^3 Orionis	5.0*	55 10.16	60.9	5	3.550	+ 19 41 20.6	60.1	5	0.42
2499	B. A. C. 1935 . . .	6.5	55 26.22	69.1	2	4.115	+ 37 57 56.4	47.0	7	0.40
2500	Lacaille 2096 . . .	6.6	55 31.93	63.1	4	2.436	− 25 25 22.9	65.6	2	0.39
2501	χ^4 Orionis	5.0*	5 55 36.36	62.6	5	+ 3.562	+ 20 8 16.0	61.4	4	+ 0.38
2502	1 Geminorum. . . .	5.0	55 36.66	61.3	8	3.647	+ 23 16 0.9	61.9	4	0.38
2503	B. A. C. 1941 . . .	6.0	56 11.79	63.4	2	2.173	− 33 54 54.0	67.4	3	0.33
2504	Lacaille 2105 . . .	7.0	56 19.87	62.1	2	2.380	− 27 21 35.5	62.2	2	0.32
2505	Anonymous. . . .	9.0	56 30.39	62.4	3	7.599	+ 73 32 56.4	69.1	2	0.31
2506	Lacaille 2107 . . .	7.0	5 56 33.48	62.1	2	+ 2.378	− 27 25 34.1	65.2	2	+ 0.30
2507	Lalande 11471 . . .	6.0	56 46.71	69.1	2	4.022	+ 35 24 20.4	47.1	3	0.28
2508	40 Aurigæ	6.0*	56 55.94	59.6	2	4.135	+ 38 29 26.3	54.1	4	0.27
2509	B. A. C. 1946 . . .	5.8	57 37.19	63.4	4	2.412	− 26 17 13.1	66.6	2	0.21
2510	Rumber 1700 . . .	7.0	57 40.50	69.1	2	3.739	+ 26 31 59.5	66.6	2	0.20

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			h. m. s.			″	° ′ ″			″
2511	(* 116) Washington .	9.2	5 57 45.47	63.7	7	+ 7.609	+ 73 34 53.2	69.1	2	+ 0.20
2512	Weisse V, 1479. . .	7.0*	57 49.74	59.1	3	2.737	− 14 4 56.9	50.2	3	0.19
2513	B. A. C. 1947 . . .	6.5	57 54.46	69.1	2	4.120	+ 38 5 32.5	47.1	1	0.18
2514	Lalande 11513 . . .	6.5	57 58.22	62.2	3	4.054	+ 36 17 0.2	66.1	2	0.18
2515	Anonymous . . .	9.0	58 4.04	65.0	2	2.718	− 14 49 10.9	68.1	2	0.17
2516	Weisse V, 1487. . .	8.0*	5 58 11.91	69.1	2	+ 2.738	− 14 1 39.2	52.5	5	+ 0.16
2517	Anonymous		58 23.70	69.1	1	3.562	+ 20 6 50.9	56.2	1	0.13
2518	Anonymous . . .	8.5	58 23.79	69.1	1	3.562	+ 20 8 21.5	68.2	1	0.14
2519	Lalande 11528 . . .	6.6	58 29.37	62.3	4	4.046	+ 36 4 40.4	62.2	2	0.13
2520	Weisse V, 1500. . .	7.8	58 30.64	69.1	1	2.736	− 14 6 49.0	47.2	3	0.13
2521	Lalande 11529 . . .	6.5	5 58 35.37	69.1	2	+ 4.116	+ 37 59 41.1	49.1	1	+ 0.12
2522	Lacaille 2124 . . .	5.5	59 7.92	68.1	3	2.231	− 32 10 17.2	68.1	2	0.08
2523	Anonymous	8.8	59 8.51	64.4	5	2.343	− 28 35 12.3	67.1	1	0.08
2524	Anonymous . . .	7.8	59 10.98	64.4	5	2.343	− 28 36 40.8	68.1	3	0.07
2525	O. Arg. S. 4613 . .	7.7	59 12.80	62.8	4	2.360	− 28 3 12.8	65.1	2	0.07
2526	Anonymous . . .	9.0	5 59 27.36	65.1	3	+ 3.426	+ 14 48 43.4	69.1	2	+ 0.06
2527	ν Orionis	4.5	59 34.76	61.4	61	3.425	+ 14 46 51.9	60.2	6	0.04
2528	Weisse V, 1530. . .	6.0	59 42.24	59.1	2	2.974	− 4 10 57.7	68.7	2	0.03
2529	Weisse (2) V, 1980 . .	8.8	59 46.80	65.2	1	3.724	+ 25 58 51.8	69.1	2	0.02
2530	O. Arg. S. 4625. . .	7.6	59 55.	. .	.	2.341	− 28 39 56.4	67.1	2	0.01
2531	O. Arg. N. 6525 . .	9.0	5 59 56.82	66.5	2	+ 7.660	+ 73 45 9.8	69.1	2	+ 0.01
2532	Lacaille 2126 . . .	6.5	5 59 59.38	66.6	2	2.472	− 24 11 7.3	68.2	2	0.00
2533	Lacaille 2130 . . .	5.8	6 0 42.18	67.1	2	2.308	− 29 44 44.6	68.0	1	− 0.06
2534	Anonymous . . .	7.5	0 50.21	69.1	2	2.488	− 23 31 41.3	67.1	2	0.07
2535	Lacaille 2131	7.0	1 1.46	65.6	2	2.451	− 24 54 56.8	67.9	3	0.09
2536	3 Geminorum . . .	6.0*	6 1 13.92	60.3	4	+ 3.643	+ 23 7 55.9	58.1	2	− 0.11
2537	Anonymous		2 4.	. .	.	3.881	+ 31 9 46.3	70.1	1	0.18
2538	O. Arg. S. 4680 . .	7.8	2 6.13	64.1	2	2.281	− 30 36 38.4	68.7	2	0.18
2539	Lalande 11684 . . .	7.6	2 11.53	63.9	4	3.725	+ 26 2 14.5	60.9	5	0.19
2540	Anonymous . . .	8.0	2 20.	. .	.	3.890	+ 31 26 57.2	70.0	1	0.20
2541	π^1 Columbæ	6.0	6 2 21.33	69.1	2	+ 1.856	− 42 16 58.4	66.6	2	− 0.20
2542	Lacaille 2151 . . .	7.0	2 37.88	66.8	3	2.090	− 36 17 29.6	68.4	3	0.23
2543	Weisse (2) VI, 12 . .	8.0	2 38.94	62.8	4	3.900	+ 31 11 51.7	59.3	6	0.23
2544	Weisse VI, 44 . . .	7.5	2 46.71	59.1	3	2.738	− 14 2 41.7	56.1	2	0.24
2545	Lalande 11714 . . .	8.5	3 3.25	64.3	5	3.725	+ 26 0 39.5	57.0	3	0.27
2546	Anonymous . . .	8.5	6 3 11.90	67.1	2	+ 3.890	+ 31 27 4.7	69.2	1	− 0.28
2547	Weisse VI, 55 . . .	8.7	3 12.23	68.7	5	2.850	− 9 24 38.0	70.1	2	0.28
2548	Anonymous . . .	8.8	3 21.00	67.1	2	3.889	+ 31 26 23.3	69.2	1	0.29
2549	22 Camelopardi . . .	5.5	3 24.83	67.1	2	6.622	+ 69 21 40.8	66.1	3	0.30
2550	Weisse VI, 73 . . .	8.2	3 45.60	69.4	3	2.852	− 9 19 50.0	69.1	2	0.33

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2551	Lacaille 2159 . . .	6.5	6 4 11.12	62.1	2	+ 2.400	− 26 40 41.1	65.6	2	− 0.37
2552	Lacaille 2163 . . .	7.0	4 12.17	64.1	4	2.269	− 31 0 5.3	67.1	2	0.37
2553	Weisse (2) VI, 79 . .	9.0	4 25.49	62.3	5	3.890	+ 31 26 33.6	71.2	1	0.39
2554	Anonymous . . .	8.5	4 26.10	67.1	2	3.626	+ 22 29 34.5	68.1	2	0.39
2555	Lacaille 2166 . . .	7.3	4 44.50	62.2	2	2.307	− 29 47 38.7	66.1	2	0.41
2556	B. A. C. 1995 . . .	7.5	6 5 0.44	62.7	4	+ 2.387	− 27 7 32.5	64.6	2	− 0.44
2557	B. A. C. 1994 . . .	5.0*	5 3.14	64.6	2	2.919	− 6 31 17.5	54.1	2	0.44
2558	Lacaille 2178 . . .	6.5	5 31.66	65.0	2	2.143	− 34 47 24.4	68.1	2	0.48
2559	B. A. C. 1997 . . .	6.6	5 36.59	63.8	3	2.407	− 26 27 12.2	66.1	2	0.49
2560	Lacaille 2177 . . .	6.7	5 53.26	67.4	3	2.390	− 27 1 41.3	66.8	3	0.51
2561	Anonymous . . .	9.0	6 6 10.48	65.1	1	+ 2.400	− 26 42 7.1	67.1	2	− 0.54
2562	Lacaille 2183 . . .	7.0	6 10.58	65.6	2	2.176	− 33 50 31.0	66.1	2	0.54
2563	Weisse (2) VI, 136 . .	9.0	6 10.76	70.0	2	3.891	+ 31 30 32.4	70.4	3	0.54
2564	η Geminorum . . .	4.0	6 25.62	62.5	37	3.627	+ 22 32 36.2	61.2	7	0.56
2565	Anonymous . . .	8.5	6 25.75	60.1	1	4.232	+ 40 57 50.8	68.2	2	0.56
2566	κ Aurigæ	4.0*	6 6 27.38	59.6	6	+ 3.830	+ 29 32 43.5	55.9	7	− 0.57
2567	Anonymous . . .	. .	6 28.13	69.1	2	4.150	+ 38 53 23.7	50.2	1	0.57
2568	Lacaille 2180 . . .	6.5	6 29.04	66.5	2	2.420	− 26 1 7.2	67.7	2	0.57
2569	Anonymous . . .	7.5	6 29.06	63.1	1	2.374	− 27 33 34.7	69.1	2	0.57
2570	71 Orionis	5.5	6 36.65	63.8	3	3.537	+ 19 11 58.5	68.6	2	0.58
2571	Anonymous . . .	6.5	6 7 8.82	66.8	4	+ 2.370	− 27 41 32.3	68.3	4	− 0.62
2572	Anonymous . . .	6.8	7 10.36	68.0	3	2.370	− 27 42 41.0	68.3	4	0.63
2573	Anonymous . . .	7.2	7 23.00	66.8	4	2.370	− 27 41 59.6	70.1	2	0.65
2574	Weisse (2) VI, 168 . .	8.0	7 27.04	62.3	3	4.231	+ 40 55 48.8	64.6	2	0.65
2575	Lacaille 2189 . . .	6.8	7 30.13	63.8	4	2.348	− 28 25 45.3	66.1	2	0.66
2576	Lacaille 2190 . . .	7.2	6 7 58.22	64.1	3	+ 2.482	− 23 49 45.8	64.1	2	− 0.70
2577	5 Monocerotis . . .	5.0	8 1.72	69.1	2	2.926	− 6 14 6.5	56.2	2	0.70
2578	Lacaille 2195 . . .	7.0	8 8.70	62.2	3	2.320	− 29 21 29.8	62.2	3	0.71
2579	O. Arg. N. 6682 . .	7.7	8 9.84	63.8	6	7.581	+ 73 29 35.5	65.0	3	0.71
2580	O. Arg. S. 4851. . .	8.5	8 59.31	67.4	3	2.343	− 28 36 15.8	67.1	2	0.79
2581	Lacaille 2198 . . .	7.0	6 9 6.33	66.1	2	+ 2.314	− 29 33 53.1	65.6	2	− 0.80
2582	B. A. C. 2014 . . .	6.5*	9 11.19	69.6	2	4.014	+ 35 11 28.9	65.2	2	0.81
2583	l Orionis	5.0	9 23.54	65.5	2	3.307	+ 9 59 19.0	68.1	2	0.82
2584	O. Arg. S. 4861 . .	8.0	9 26.87	66.6	2	2.340	− 28 42 1.7	67.1	2	0.82
2585	Anonymous . . .	9.0	9 30.47	66.6	2	2.356	− 28 10 7.1	68.2	2	0.83
2586	B. A. C. 2021 . . .	5.5	6 9 31.66	69.1	2	+ 4.016	+ 35 15 28.9	65.2	2	− 0.83
2587	B. A. C. 2023 . . .	6.5	9 34.36	69.2	2	3.762	+ 27 15 36.0	58.1	2	0.84
2588	Weisse VI, 264 . . .	9.0	9 34.79	59.0	4	2.729	− 14 23 6.5	56.1	3	0.84
2589	Lacaille 2200 . . .	7.2	9 36.55	62.2	3	2.322	− 29 19 21.2	62.2	2	0.84
2590	Lalande 11959 . . .	7.0	10 4.84	69.6	2	4.134	+ 38 29 11.9	50.2	1	0.88

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2591	B. A. C. 2027 . . .	6.6	6 10 33.78	63.1	2	+ 2.309	− 29 44 38.3	66.1	2	− 0.92
2592	Lacaille 2208 . . .	7.3	11 25.84	67.5	3	2.475	− 24 1 29.1	64.5	3	1.00
2593	Lacaille 2211 . . .	6.5	11 38.79	66.9	2	2.395	− 26 53 5.3	67.1	4	1.02
2594	Weisse VI, 334. . .	8.5	11 50.43	69.1	2	2.732	+ 44 28 13.1	65.2	2	1.03
2595	Weisse (2) VI, 301 . .	7.6	12 5.36	63.1	2	4.383	− 14 16 52.4	56.1	2	1.05
2596	Lalande 12053 . . .	7.5	6 12 9.72	65.6	2	+ 3.588	+ 21 8 46.5	68.4	4	− 1.06
2597	Weisse VI, 348. . .	8.0	12 13.37	62.4	3	2.731	− 14 18 27.2	56.1	2	1.07
2598	Anonymous	. .	12 31.	. .	.	2.554	− 21 12 43.0	70.1	1	1.09
2599	Weisse (2) VI, 328 . .	7.5	12 43.75	68.5	2	3.906	+ 32 0 19.9	62.0	2	1.11
2600	Anonymous . . .	9.5	12 46.43	66.6	2	2.334	− 28 55 27.6	68.1	2	1.11
2601	B. A. C. 2038 . . .	7.0	6 12 52.06	60.4	3	+ 3.590	+ 21 11 23.5	66.2	2	− 1.13
2602	B. A. C. 2039 . . .	6.5	12 59.41	60.1	3	3.591	+ 21 15 29.8	66.7	2	1.14
2603	Anonymous . . .	8.3	13 12.	. .	.	2.884	+ 31 18 12.6	67.1	1	1.15
2604	Lacaille 2219 . . .	6.7	13 12.40	62.7	2	2.451	− 24 57 30.9	66.1	2	1.15
2605	Lacaille 2220 . . .	7.1	13 32.01	62.7	2	2.452	− 24 55 11.8	66.1	2	1.18
2606	O. Arg. S. 4961. . .	7.3	6 13 43.23	66.6	2	+ 2.334	− 28 57 34.5	68.1	3	− 1.20
2607	μ Geminorum. . . .	3.0*	14 29.44	59.6	99	3.627	+ 22 34 54.8	54.1	27	1.27
2608	Lacaille 2226 . . .	8.0	14 46.75	63.1	2	2.490	− 23 34 33.0	67.0	3	1.29
2609	Anonymous . . .	9.0	14 54.12	69.6	2	2.316	− 29 33	. .	.	1.30
2610	Anonymous . . .	8.1	14 54.59	69.6	2	2.316	− 29 33 17.1	65.1	2	1.30
2611	Lalande 12134 . . .	6.8	6 14 56.54	69.1	2	+ 4.092	+ 37 23 2.3	49.1	1	− 1.30
2612	Weisse VI, 446 . .	8.3	15 17.97	70.2	1	2.731	− 14 20 13.2	56.1	2	1.34
2613	Lacaille 2232 . . .	6.8	15 31.78	69.6	2	2.314	− 29 36 18.0	62.2	1	1.36
2614	Weisse (2) VI, 421 . .	9.3	15 59.05	62.2	2	3.381	+ 44 27 58.9	65.6	2	1.40
2615	Lalande 12173 . . .	7.0	16 6.70	69.1	2	4.118	+ 38 7 14.0	47.2	2	1.34
2616	8 Monocerotis . . .	5.5	6 16 21.03	66.6	2	+ 3.181	+ 4 39 37.3	66.8	4	− 1.43
2617	B. A. C. 2060 . . .	7.5	16 21.38	66.6	2	3.181	+ 4 39 49.3	68.1	2	1.43
2618	Lalande 12237 . . .	8.8	17 27.73	70.1	4	3.710	+ 25 35 6.9	57.5	2	1.53
2619	Lacaille 2254 . . .	6.8	18 6.30	66.6	2	2.309	− 29 47 27.6	66.1	2	1.58
2620	Anonymous	. .	18 20.38	69.1	1	3.674	+ 24 18 9.3	57.0	3	1.60
2621	O. Arg. N. 6888 . .	7.7	6 18 17.09	69.1	2	+ 4.473	+ 46 25 58.5	65.2	2	− 1.60
2622	O. Arg. N. 6864 . .	9.0	18 40.02	63.0	1	8.612	+ 76 28 25.6	64.7	2	1.63
2623	Weisse VI, 544 . .	8.0	18 41.56	59.0	2	2.729	− 14 25 42.8	55.2	3	1.63
2624	O. Arg. S. 5082. . .	6.3	19 17.53	63.4	3	2.342	− 28 42 5.6	67.2	3	1.69
2625	O. Arg. N. 6886 . .	7.2	19 22.51	69.1	2	8.341	+ 75 48 34.2	66.1	2	1.68
2626	Weisse (2) VI, 533 . .	8.5	6 19 25.21	67.1	2	+ 3.675	+ 24 20 14.2	57.8	2	− 1.70
2627	48 Aurigæ	5.0	19 34.09	64.1	2	3.859	+ 30 34 28.7	68.0	2	1.71
2628	47 Aurigæ	6.0	19 35.37	60.1	2	4.489	+ 46 46 10.7	54.1	4	1.71
2629	Lacaille 2271 . . .	6.2	20 16.36	63.1	2	2.315	− 29 37 26.9	62.2	2	1.77
2630	Anonymous . . .	8.3	20 34.89	66.1	2	3.565	+ 20 19 25.8	67.1	2	1.80

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			h. m. s.			″	° ′ ″			″
2631	ν Geminorum. . . .	4.0	6 20 39.00	62.4	9	+ 3.564	+ 20 17 47.4	67.1	2	— 1.81
2632	Anonymous . . .	9.0	21 11.47	69.1	2	3.707	+ 25 31 8.1	63.1	2	1.85
2633	B. A. C. 2100 . . .	5.5	21 33.04	66.2	2	2.430	— 25 45 57.3	66.1	2	1.88
2634	11 Monocerotis, (1st *) .	6.9	22 1.77	64.8	4	2.910	— 6 56 46.1	65.7	2	1.93
2635	11 Monocerotis, (2d *) .	5.7	22 2.25	64.8	4	2.910	— 6 56 52.2	65.7	2	1.93
2636	Weisse (2) VI, 626. .	8.5*	6 22 8.02	59.1	2	+ 3.654	+ 23 37 42.4	56.1	2	— 1.93
2637	B. A. C. 2095 . . .	6.0	22 15.67	70.1	4	10.397	+ 79 42 13.0	66.6	8	1.95
2638	Weisse (2) VI, 631. .	8.0	22 17.05	69.1	2	3.707	+ 25 30 53.9	62.6	2	1.95
2639	Anonymous. . . .	. .	22 28.56	69.1	1	2.429	— 25 48	. .	.	1.96
2640	B. A. C. 2110 . . .	6.0*	23 19.	. .	.	3.921	+ 32 33 2.3	47.1	1	2.04
2641	Anonymous	. .	6 23 26.32	70.1	2	+ 2.429	— 25 48	.. .	.	— 2.05
2642	O. Arg. S. 5176. . .	8.0	23 27.20	69.1	1	2.429	— 25 47 47.5	67.7	4	2.05
2643	O. Arg. S. 5198. . .	8.5*	24 26.	. .	.	2.429	— 25 47 27.8	68.2	2	2.14
2644	O. Arg. S. 5199. . .	8.5	24 27.	. .	.	2.429	— 25 47 48.6	67.5	3	2.14
2645	O. Arg. N. 7006 . .	8.0	24 37.87	65.7	2	4.551	+ 48 3 6.0	65.6	2	2.15
2646	Lacaille 2306 . . .	7.2	6 24 42.69	63.6	2	+ 2.271	— 31 4 56.7	66.1	2	— 2.16
2647	Groombridge 1183. .	6.5	24 43.29	69.1	2	4.117	+ 38 10 35.9	46.3	2	2.16
2648	O. Arg. N. 7009 . .	7.7	24 59.72	66.1	2	4.655	+ 49 59 7.9	68.1	2	2.18
2649	B. A. C. 2127 . . .	6.7	25 13.68	63.4	3	2.375	— 27 40 27.8	65.1	2	2.20
2650	O. Arg. S. 5215. . .	9.0	25 13.77	66.6	2	2.307	— 29 55 54.8	68.6	2	2.20
2651	Anonymous . . .	8.2	6 25 44.40	65.2	2	+ 5.482	+ 61 8 11.0	61.3	5	— 2.25
2652	Anonymous . . .	7.7	25 48.15	69.6	4	4.103	+ 37 49 15.1	49.1	1	2.25
2653	Anonymous . . .	9.0	25 48.45	69.6	4	4.103	+ 37 49 20.6	49.1	1	2.25
2654	ζ^1 Canis Majoris . . .	4.3	26 1.41	63.1	3	2.499	— 23 19 13.9	65.2	2	2.27
2655	Weisse VI, 782. . .	8.5	26 5.41	61.6	2	2.722	— 14 44 29.8	66.1	2	2.28
2656	O. Arg. N. 7032 . .	8.2	6 26 21.20	63.0	2	+ 4.558	+ 48 12 44.6	66.1	2	— 2.30
2657	49 Aurigæ	5.0	26 22.92	59.1	2	3.782	+ 28 7 36.5	68.1	2	2.30
2658	Lalande 12557 . . .	7.8	26 27.45	69.1	3	3.684	+ 24 44 22.4	63.1	2	2.31
2659	O. Arg. S. 5251. . .	7.4	26 30.16	64.4	3	2.329	— 29 12 34.5	68.2	2	2.31
2660	Anonymous . . .	7.5	26 39.41	65.1	1	2.269	— 31 9 3.1	68.1	1	2.33
2661	Anonymous . . .	. .	6 26 46.	. .	.	+ 2.271	— 31 5 50.8	69.1	1	— 2.34
2662	B. A. C. 2139 . . .	5.5	26 55.23	69.6	2	4.130	+ 38 33 14.7	47.7	5	2.35
2663	Weisse VI, 809. . .	8.0	26 56.86	60.1	2	2.723	— 14 42 41.1	58.8	3	2.35
2664	Lacaille 2323 . . .	7.5	27 10.87	62.5	2	2.386	— 27 18 22.9	65.7	2	2.37
2665	Lalande 12614 . . .	7.1	27 46.70	64.3	5	3.466	+ 16 33 17.7	67.6	2	2.42
2666	23 Geminorum. . . .	6.5	6 27 55.67	69.1	2	+ 3.475	+ 16 54 24.2	69.1	1	— 2.43
2667	O. Arg. S. 5289. . .	7.0	28 1.20	64.7	3	2.418	— 26 13 32.8	68.0	2	2.45
2668	Weisse (2) VI, 809 . .	9.0	28 1.48	69.5	3	3.678	+ 24 32 22.5	57.0	3	2.45
2669	Weisse (2) VI, 826 . .	8.5	28 33.27	69.5	3	3.677	+ 24 30 38.3	57.0	3	2.49
2670	Weisse (2) VI, 838 . .	7.2	28 52.19	69.1	3	3.682	+ 24 42 10.5	62.6	2	2.52

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
2671	51 Aurigæ	5.5*	6 28 57.15	60.6	2	+ 4.166	+ 39 30 35.0	60.1	4	— 2.53
2672	Anonymous. . . .	7.3	29 31.16	65.1	2	2.307	— 29 59 2.3	68.1	2	2.58
2673	Lacaille 2342 . . .	7.7	29 32.38	67.2	3	2.433	— 25 43 49.9	66.1	2	2.58
2674	) Geminorum. . . .	2.0	29 37.44	63.4	107	3.465	+ 16 30 54.0	63.3	10	2.59
2675	Lalande 12678 . . .	7.5*	30 1.	. .	.	3.903	+ 32 4 48.2	69.2	2	2.62
2676	O. Arg. S. 2343, (1st *)	8.2	6 30 15.34	69.6	2	+ 2.482	— 24 0	. .	.	— 2.64
2677	Weisse (2) VI, 891. .	9.0	30 16.87	68.1	4	3.465	+ 16 31 25.9	68.1	2	2.64
2678	O. Arg. S. 2343, (2d *)	8.0	30 17.44	69.4	3	2.482	— 24 0 23.6	64.1	1	2.64
2679	Lacaille 2355 . . .	7.5	30 40.96	64.1	5	2.346	— 28 43 23.5	66.8	3	2.68
2680	54 Aurigæ	6.0*	30 43.32	60.1	2	3.788	+ 28 22 56.6	54.2	2	2.68
2681	Weisse (2) VI, 909. .	5.9	6 30 56.13	69.1	1	+ 3.682	+ 24 42 57.5	64.5	3	— 2.70
2682	Weisse (2) VI, 935. .	7.8	31 53.82	64.1	7	3.656	+ 23 47 45.3	61.6	7	2.75
2683	Lacaille 2366 . . .	7.5	31 34.28	63.6	4	2.350	— 28 35 20.7	67.1	2	2.75
2684	Weisse (2) VI, 943. .	8.5	31 55.33	64.5	5	3.655	+ 23 46 7.3	58.1	3	2.78
2685	O. Arg. S. 5410 . .	8.0	32 26.26	64.6	2	2.378	— 27 40 44.3	67.6	2	2.83
2686	Lacaille 2372 . . .	7.0	6 32 29.24	67.1	2	+ 2.357	— 28 22 39.3	68.2	2	— 2.83
2687	O. Arg. S. 5415. . .	7.3	32 33.18	63.6	4	2.498	— 23 27 37.3	66.1	2	2.84
2688	Weisse VI, 990. . .	7.5	32 52.84	66.2	2	2.741	— 14 1 23.0	59.9	5	2.87
2689	55 Aurigæ	5.0*	32 53.82	46.1	2	4.379	+ 44 39 16.0	49.1	4	2.87
2690	O. Arg. S. 5434. . .	8.2	33 15.74	67.1	2	2.380	— 27 37 10.9	67.6	2	2.90
2691	B. A. C. 2185 . . .	5.0	6 33 16.06	69.1	2	+ 3.306	+ 10 1 18.3	65.2	2	— 2.90
2692	Lalande 12805 . . .	6.0	33 36.74	69.1	1	3.921	+ 32 41 19.9	47.1	1	2.93
2693	51 Cephei	5.0*	33 39.48	65.2	54	30.592	+ 87 14 54.1	55.7	122	2.94
2694	Lalande 12798 . . .	6.5	33 43.16	69.6	2	4.079	+ 37 16 45.5	47.1	1	2.94
2695	O. Arg. S. 5450. . .	7.0	33 46.82	65.8	4	2.496	— 23 34 14.8	67.7	2	2.94
2696	Anonymous . . .	7.0	6 33 56.03	67.2	2	+ 2.360	— 28 18 59.9	68.1	2	— 2.96
2697	O. Arg. S. 5463. . .	8.5	34 6.54	67.1	2	2.495	— 23 34 43.1	68.4	4	2.97
2698	Lacaille 2388 . . .	6.1	34 20.95	64.1	3	2.298	— 30 20 20.9	68.1	1	2.99
2699	Weisse (2) VI, 1027 .	6.5	34 34.78	69.1	2	4.378	+ 44 38 26.1	46.1	2	3.01
2700	Lalande 12849 . . .	7.0	34 46.53	69.1	1	4.041	+ 36 14 35.9	47.1	1	3.03
2701	Lacaille 2392 . . .	6.7	6 35 3.14	66.2	2	+ 2.365	— 28 8 12.5	65.2	3	— 3.06
2702	ε Geminorum. . . .	5.0	35 19.05	61.7	7	3.696	+ 25 15 52.5	66.1	2	3.08
2703	Weisse VI, 1069 . .	7.7	35 25.81	69.1	2	2.734	— 14 20 36.3	63.1	2	3.09
2704	Anonymous . . .	9.0	35 40.82	65.1	1	3.655	+ 23 49	. .	.	3.11
2705	Lacaille 2399 . . .	7.0	35 46.72	69.1	2	2.294	— 30 30 55.5	65.6	2	3.12
2706	28 Geminorum. . . .	6.0*	6 35 53.11	66.0	2	+ 3.807	+ 29 6 29.6	54.8	4	— 3.13
2707	O. Arg. S. 5519. . .	7.5	36 4.18	67.1	2	2.377	— 27 45 55.9	68.0	2	3.14
2708	O. Arg. S. 5522. . .	8.0*	36 9.	. .	.	2.381	— 27 36 36.0	69.1	2	3.15
2709	Anonymous . . .	7.7	36 36.38	64.1	1	2.503	— 23 19	. .	.	3.19
2710	56 Aurigæ	6.0	36 38.62	69.1	2	4.334	+ 43 42 42.9	46.2	1	3.19

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			h. m. s.			″	° ′ ″			″
2711	Anonymous . . .	8.5	6 36 40.18	69.1	2	+ 4.334	+ 43 43 31.4	46.2	1	— 3.19
2712	O. Arg. S. 5543 . .	7.7	36 40.61	69.6	2	2.506	— 23 12 58.2	69.1	2	3.19
2713	Anonymous . . .	7.7	37 2.26	64.1	2	2.262	— 31 31 54.9	68.7	2	3.23
2714	Anonymous . . .	9.0	37 9.18	65.1	1	3.655	+ 23 50 42.2	69.2	2	3.24
2715	ξ Geminorum. . . .	5.0	37 25.90	65.1	3	3.377	+ 13 2 31.5	69.4	3	3.26
2716	Anonymous . . .	8.0	6 37 34.43	69.1	2	+ 2.729	— 14 33 28.2	56.2	3	— 3.27
2717	O. Arg. S. 5574 . .	7.7	37 38.68	66.6	2	2.338	— 29 6 6.1	69.8	3	3.28
2718	Lacaille 2413 . . .	6.5	37 38.89	66.7	2	2.364	— 28 12 59.1	62.6	2	3.28
2719	Anonymous . . .	. .	37 44.35	69.6	2	4.129	+ 38 42 15.0	69.2	2	3.29
2720	Lalande 12951 . . .	7.2	37 46.73	69.6	2	4.128	+ 38 40 53.1	61.5	3	3.29
2721	Weisse (2) VI, 1163 .	8.8	6 38 8.83	68.1	2	+ 3.658	+ 23 58 29.0	69.2	2	— 3.32
2722	Weisse (2) VI, 1198 .	8.5	38 18.11	69.1	2	2.729	— 14 35 11.7	56.2	3	3.34
2723	Lacaille 2420 . . .	7.5	38 19.30	63.2	1	2.381	— 27 28	. .	.	3.34
2724	Weisse (2) VI, 1172 .	7.9	38 19.69	65.2	3	3.654	+ 23 49 27.7	66.1	3	3.34
2725	Anonymous . . .	8.6	38 35.88	68.2	2	3.378	+ 13 5 13.8	69.1	2	3.36
2726	Weisse (2) VI, 1171 .	8.1	6 38 42.24	69.1	2	+ 4.344	+ 43 59 1.4	46.1	2	— 3.37
2727	α Canis Majoris . . .	1.0	38 58.84	54.9	210	2.681	— 16 31 33.6	57.8	109	3.39
2728	Weisse (2) VI, 1189 .	8.0*	39 15.49	46.1	3	4.332	+ 43 43 39.8	46.1	2	3.42
2729	O. Arg. S. 5615 . .	6.3	39 16.72	63.8	3	2.394	— 27 12 37.8	66.1	2	3.42
2730	B. A. C. 2210 . . .	5.5	39 34.96	67.6	2	8.844	+ 77 8 45.0	68.2	2	3.45
2731	Weisse VI, 1199 . .	8.5	6 39 38.71	69.1	2	+ 2.730	— 14 33 54.8	56.2	3	— 3.45
2732	Lacaille 2434 . . .	7.0*	39 40.82	69.1	2	2.298	— 30 26 35.9	65.2	2	3.46
2733	Anonymous . . .	. .	39 50.01	70.1	1	2.265	— 31 30 38.8	67.2	1	3.47
2734	Anonymous . . .	9.0	40 20.36	69.1	2	3.647	+ 23 36 30.6	67.1	2	3.52
2735	11 Canis Majoris . . .	6.0*	40 27.96	60.1	2	2.737	— 14 16 42.6	59.0	7	3.52
2736	O. Arg. S. 5654 . .	8.4	6 40 28.50	64.0	2	+ 2.352	— 28 40 58.5	68.2	2	— 3.52
2737	O. Arg. S. 5665 . .	8.2	40 50.14	64.1	3	2.330	— 29 24 49.6	68.6	2	3.55
2738	O. Arg. N. 7251 . .	8.6	40 50.44	65.1	2	9.151	+ 77 47 7.7	64.4	2	3.56
2739	O. Arg. N. 7274 . .	8.0	40 54.37	62.4	3	4.765	+ 52 8 55.3	68.6	2	3.56
2740	Weisse (2) VI, 1254 .	8.2	41 45.03	69.1	2	4.334	+ 43 49 43.5	46.1	2	3.63
2741	Lacaille 2448, (1st *) .	7.8	6 41 56.84	66.1	4	+ 2.361	— 28 24 29.3	69.1	2	— 3.65
2742	Lacaille 2448, (2d *) .	8.5	41 57.88	67.1	3	2.360	— 28 25 21.3	69.1	2	3.65
2743	O. Arg. S. 5704. . .	8.5	42 19.78	64.1	3	2.420	— 26 22 57.9	68.1	1	3.68
2744	O. Arg. N. 7298 . .	7.5	42 25.41	62.2	1	4.735	+ 51 40 51.3	68.9	3	3.69
2745	O. Arg. N. 7299 . .	8.0	42 28.94	66.1	2	4.742	+ 51 48 28.9	63.2	4	3.70
2746	O. Arg. N. 7308 . .	9.0	6 42 51.88	62.2	1	+ 4.733	+ 51 39 30.6	68.2	1	— 3.73
2747	O. Arg. S. 5718 . .	8.4	42 59.34	71.1	2	2.396	— 27 13 34.8	71.2	1	3.74
2748	Lacaille 2454 . . .	7.0	43 5.22	63.1	2	2.372	— 28 3 35.7	68.7	2	3.75
2749	O. Arg. S. 5725. . .	8.6	43 6.59	66.6	2	2.367	— 28 12 52.7	68.7	2	3.75
2750	Anonymous . . .	7.3	43 16.	. .	.	2.356	— 28 35 39.5	70.1	2	3.76

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			h. m. s.			″	° ′ ″			″
2751	59 Aurigæ	6.0*	6 43 23.12	61.1	2	+ 4.137	+ 39 1 53.3	56.8	4	— 3.77
2752	O. Arg. S. 5732. . .	7.5	43 24.90	64.6	2	2.326	— 29 35 18.3	68.6	2	3.77
2753	θ Geminorum. . . .	4.5	43 33.50	65.6	2	3.962	+ 34 7 30.2	58.2	4	3.79
2754	60 Aurigæ	6.2	43 37.13	68.7	2	4.120	+ 38 36 32.4	46.2	3	3.79
2755	Anonymous . . .	7.0	43 49.09	64.1	1	2.357	— 28 34	. .	.	3.81
2756	Lacaille 2461 . . .	7.3	6 43 49.68	63.3	3	+ 2.488	— 23 59 6.0	64.0	2	— 3.81
2757	Lacaille 2462 . . .	6.2	43 55.41	63.3	3	2.490	— 23 55 1.6	64.0	2	3.82
2758	O. Arg. S. 5745. . .	7.0	43 56.24	65.0	7	2.360	— 28 29 42.3	69.3	4	3.82
2759	Anonymous . . .	7.5	43 59.27	63.2	1	2.396	— 27 15	. .	.	3.82
2760	Anonymous . . .	. .	44 4.	. .	.	2.357	— 28 34 6.3	70.1	1	3.83
2761	Anonymous . . .	6.5	6 44 18.23	67.1	2	+ 2.240	— 32 23 2.8	69.1	2	— 3.85
2762	61 Aurigæ	6.0*	44 20.96	68.7	2	4.122	+ 38 40 20.7	46.2	2	3.86
2763	Weisse VI, 1351 . .	8.0	44 24.77	60.1	4	2.731	— 14 34 51.0	58.4	4	3.86
2764	B. A. C. 2244 . . .	7.5	44 30.08	69.7	6	2.399	— 27 10 28.0	69.2	2	3.87
2765	κ Canis Majoris . . .	5.0	44 36.73	67.1	2	2.241	— 32 20 58.2	69.1	2	3.88
2766	O. Arg. S. 5772. . .	9.0	6 44 44.77	67.4	4	+ 2.400	— 27 8 51.8	68.7	2	— 3.89
2767	Lacaille 2473 . . .	6.8	44 54.87	63.2	2	2.443	— 25 37 5.0	68.1	2	3.90
2768	Anonymous . . .	. .	44 55.65	61.2	1	2.399	— 27 10	. .	.	3.90
2769	Lacaille 2480 . . .	6.8	45 3.30	66.6	2	2.197	— 33 43 32.6	66.7	2	3.92
2770	B. A. C. 2251 . . .	6.5	45 5.82	64.6	2	2.267	— 31 32 44.1	69.7	2	3.92
2771	Anonymous . . .	8.5	6 45 8.18	59.0	2	+ 2.735	— 14 24	. .	.	— 3.92
2772	Anonymous . . .	8.0	45 8.88	64.6	2	2.267	— 31 32 24.0	69.7	2	3.92
2773	Anonymous . . .	9.0	45 19.23	68.1	2	2.304	— 30 21	. .	.	3.94
2774	Anonymous . . .	8.4	45 28.39	64.8	3	2.359	— 28 32 11.5	69.2	1	3.95
2775	O. Arg. S. 5790. . .	8.0	45 34.70	64.6	2	2.401	— 27 5 52.2	68.2	2	3.96
2776	Anonymous . . .	9.5	6 45 35.64	67.1	2	+ 2.359	— 28 32 39.2	70.1	2	— 3.96
2777	Anonymous. . . .	9.5	45 35.87	67.1	2	2.358	— 28 34 16.7	69.8	3	3.96
2778	Groombridge 1241 .	7.0*	45 58.	. .	.	4.099	+ 38 5 17.6	46.2	3	4.00
2779	O. Arg. S. 5809. . .	6.5	45 58.29	66.2	2	2.422	— 26 22 44.1	66.2	2	4.00
2780	Anonymous . . .	9.0	46 5.	. .	.	2.445	— 25 35 25.3	70.1	1	4.01
2781	O. Arg. S. 5814. . .	6.7	6 46 10.32	66.2	1	+ 2.421	— 26 25 3.2	66.2	2	— 4.01
2782	Anonymous . . .	8.0	46 46.38	64.8	3	2.308	— 30 15 42.0	67.7	2	4.06
2783	Anonymous . . .	9.0	46 47.04	67.1	2	2.362	— 28 28 3.4	67.1	1	4.07
2784	Lacaille 2494 . . .	6.8	46 54.83	70.1	2	2.197	— 33 45 4.9	68.6	2	4.08
2785	Anonymous . . .	8.4	47 8.08	69.1	2	2.735	— 14 25 59.1	56.1	2	4.10
2786	16 Lyncis	6.0*	6 47 23.80	59.6	4	+ 4.393	+ 45 16 16.0	58.1	6	— 4.12
2787	Lacaille 2496 . . .	7.5	47 35.47	70.0	2	2.479	— 24 21 58.5	66.1	3	4.13
2788	θ Canis Majoris . . .	5.0*	47 41.12	62.0	5	2.797	— 11 51 59.6	68.1	2	4.14
2789	Anonymous . . .	. .	47 42.	. .	.	2.483	— 24 14 45.5	69.2	1	4.14
2790	Anonymous . . .	7.5	47 52.79	62.8	3	2.484	— 24 12 53.2	68.8	3	4.16

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			h. m. s.			″	° ′ ″			″
2791	B. A. C. 2266 . . .	6.7	6 47 59.77	64.7	10	+ 2.366	— 28 21 10.3	70.1	5	— 4.17
2792	O. Arg. S. 5864 . .	7.5	48 1.54	62.2	2	2.488	— 24 3 31.7	65.6	2	4.17
2793	Lalande 13393 . . .	5.0	48 8.31	62.8	3	2.480	— 24 21 58.3	65.5	2	4.18
2794	o^1 Canis Majoris . . .	4.0	48 19.44	62.5	5	2.490	— 24 0 42.1	65.6	2	4.20
2795	Lacaille 2507 . . .	6.6	48 23.57	63.1	2	2.497	— 23 45 20.0	69.6	2	4.20
2796	Anonymous . . .	8.5	6 48 42.	. .	.	+ 2.354	— 28 46 20.8	70.1	1	— 4.23
2797	Anonymous . . .	8.0	48 49.	. .	.	2.021	— 38 48 29.3	70.1	1	4.23
2798	Anonymous . . .	8.0	48 51.49	68.1	3	2.354	— 28 47 23.7	68.2	1	4.24
2799	O. Arg. S. 5887 . .	8.0	48 57.81	65.1	1	2.396	— 27 23 5.8	69.6	2	4.25
2800	Lacaille 2519 . . .	7.3	49 2.75	64.3	8	2.268	— 31 37 39.2	68.1	1	4.26
2801	62 Aurigæ	5.8	6 49 30.16	68.8	3	+ 4.101	+ 38 14 26.6	47.1	2	— 4.30
2802	Anonymous . . .	8.0	49 32.	. .	.	2.272	— 31 31 36.7	69.1	1	4.32
2803	Anonymous . . .	6.5	49 42.	. .	.	2.019	— 38 53 38.9	70.1	1	4.32
2804	O. Arg. S. 5906 . .	7.0	49 45.25	63.7	5	2.353	— 28 51	. .	.	4.32
2805	Lacaille 2526 . . .	7.2	50 9.13	63.1	2	2.454	— 25 20 26.0	68.6	2	4.35
2806	Lacaille 2528 . . .	6.5	6 50 37.14	64.6	11	+ 2.269	— 31 36 39.3	68.1	2	— 4.39
2807	O. Arg. N. 7442 . .	8.5	50 46.34	60.1	2	5.406	+ 60 47 50.1	55.8	2	4.41
2808	Lalande 13427 . . .	8.0	50 56.48	71.1	2	4.550	+ 48 35 1.3	71.2	2	4.42
2809	Anonymous . . .	7.8	51 7.79	63.2	1	2.470	— 24 47 15.1	67.2	2	4.44
2810	Weisse VI, 1579 . .	8.7	51 27.24	69.4	3	2.729	— 14 45 25.2	63.6	4	4.46
2811	Weisse VI, 1587 . .	9.0	6 51 37.09	69.4	3	+ 2.728	— 14 45 58.3	71.1	2	— 4.48
2812	Anonymous. . . .	7.0	51 38.34	62.1	1	2.297	— 30 44	. .	.	4.48
2813	Weisse VI, 1589 . .	8.5*	51 38.89	64.1	2	2.732	— 14 38 6.3	55.9	3	4.48
2814	Anonymous. . . .	8.0	51 39.	. .	.	2.298	— 30 42 39.8	69.7	2	4.48
2815	O. Arg. S. 5961 . .	6 3	52 6.92	63.7	3	2.398	— 27 21 11.7	69.0	2	4.52
2816	Lalande 13504 . . .	8.6	6 52 19.67	62.5	3	+ 3.670	+ 24 40 19.1	60.2	4	— 4.54
2817	Lacaille 2543 . . .	5.3	52 30.23	63.1	3	2.409	— 26 58 41.6	64.2	2	4.55
2818	Weisse VI, 1618 . .	7.5	52 40.42	59.1	2	2.729	— 14 46 25.7	59.0	5	4.57
2819	Lacaille 2544 . . .	7.5	52 45.65	64.0	3	2.501	— 23 41 37.0	68.6	2	4.57
2820	Lacaille 2549 . . .	7.0	52 45.87	64.2	3	2.303	— 30 33 30.2	68.1	2	4.57
2821	ε Canis Majoris . . .	2.1*	6 53 7.48	56.3	118	+ 2.357	— 28 47 3.1	48.9	53	— 4.61
2822	Anonymous . . .	7.5	53 21.78	65.0	1	2.435	— 26 4 32.8	68.6	2	4.63
2823	Lacaille 2553 . . .	6.0	53 22.25	64.1	4	2.296	— 30 48 37.3	66.2	2	4.63
2824	Anonymous . . .	7.5	53 30.46	69.1	2	2.728	— 14 49 49.6	56.1	2	4.64
2825	O. Arg. S. 6004 . .	8.0*	53 34.76	64.7	3	2.358	— 28 46	. .	.	4.65
2826	ω Geminorum. . . .	6.0*	6 53 52.90	61.4	7	+ 3.662	+ 24 24 39.5	64.4	4	— 4.67
2827	Lacaille 2558 . . .	7.0	54 0.78	62.1	1	2.390	— 27 42 0.8	65.1	2	4.68
2828	O. Arg. S. 6022 . .	7.0	54 12.06	62.6	2	2.375	— 28 12 28.3	65.6	2	4.70
2829	Anonymous . . .	7.9	54 14.00	70.1	2	2.502	— 23 41 36.0	67.2	1	4.70
2830	Lacaille 2562 . . .	7.0	54 16.25	67.2	2	2.336	— 29 30 41.4	69.5	3	4.71

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
2831	Lalande 13569 . . .	6.2	6 54 39.55	69.1	2	+ 4.034	+ 36 30 50.0	47.1	2	— 4.74
2832	Lacaille 2566 . . .	6.8	54 48.43	64.3	4	2.293	— 30 56 59.9	69.4	3	4.75
2833	Anonymous . . .	8.1	54 52.74	64.3	4	2.295	— 30 52 33.8	69.1	2	4.77
2834	Lacaille 2571 . . .	6.9	55 10.49	62.8	2	2.373	— 28 17 37.3	66.1	2	4.78
2835	Lacaille 2570 . . .	4.2	55 20.68	63.1	2	2.466	— 25 1 14.9	66.2	2	4.80
2836	Lalande 13601 . . .	7.5	6 55 25.46	69.6	2	+ 4.006	+ 35 44 4.4	47.1	2	— 4.81
2837	Anonymous . . .	8.3	55 45.	. .	.	2.310	— 30 25 47.5	70.2	1	4.83
2838	Anonymous . . .	9.0	55 47.	. .	.	2.310	— 30 25 0.8	69.7	2	4.83
2839	Weisse (2) VI, 1675 .	8.0	55 47.19	70.1	2	3.565	+ 20 47 53.5	67.1	2	4.83
2840	O. Arg. S. 6073. . .	7.1	55 47.42	64.2	1	2.308	— 30 28 9.5	68.8	3	4.83
2841	ζ Geminorum. . . .	4.0	6 55 48.23	61.7	22	+ 3.564	+ 20 46 18.3	61.1	4	— 4.83
2842	Anonymous . . .	8.3	55 51.	. .	.	2.310	— 30 26 19.1	69.2	1	4.84
2843	Anonymous . . .	9.0	55 53.	. .	.	2.310	— 30 25 32.9	69.2	1	4.84
2844	Lacaille 2577 . . .	6.0	55 56.11	67.1	3	2.410	— 27 1 31.4	65.2	2	4.84
2845	22 Canis Majoris . . .	5.0	56 8.65	69.1	1	2.390	— 27 44 12.3	66.5	2	4.86
2846	44 Geminorum. . . .	6.2	6 56 52.58	64.3	5	+ 3.618	+ 22 50 36.4	59.6	8	— 4.93
2847	Weisse (2) VI, 1704 .	8.0	57 0.97	69.1	2	4.284	+ 43 4 36.2	46.2	2	4.94
2848	17 Lyncis, (1st *) . . .	6.8	57 4.40	65.4	4	5.410	+ 61 0 23.0	61.7	6	4.94
2849	17 Lyncis, (2d *) . . .	8.5	57 11.42	64.1	3	5.405	+ 60 57 28.1	66.1	2	4.95
2850	γ Canis Majoris . . .	3.6	57 25.53	61.4	61	2.714	— 15 25 46.5	65.6	2	4.97
2851	Weisse (2) VI, 1728 .	9.0	6 57 41.53	69.5	3	+ 4.278	+ 42 57 4.0	53.4	3	— 5.00
2852	Weisse (2) VI, 1747 .	8.3	57 51.68	65.1	1	3.619	+ 22 53 42.6	68.1	2	5.01
2853	O. Arg. S. 6164. . .	7.0	58 57.34	67.1	2	2.309	— 30 33 5.3	68.1	2	5.10
2854	Piazzi VI, 328 . . .	8.0*	59 10.41	64.1	2	2.734	— 14 39 43.9	55.9	6	5.12
2855	B. A. C. 2331 . . .	6.0	7 0 23.92	61.2	2	3.828	+ 30 21 58.7	66.7	2	5.22
2856	Lacaille 2610 . . .	6.2	7 0 36.60	64.0	2	+ 2.313	— 30 26 36.6	66.6	2	— 5.24
2857	Lacaille 2615 . . .	5.0	1 5.75	68.7	2	2.478	— 24 44 46.2	66.1	2	5.30
2858	O. Arg. S. 6232. . .	7.2	1 19.66	66.6	2	2.431	— 26 26 27.5	68.1	2	5.30
2859	(* 79) Washington . .	7.8	1 19.81	63.9	12	3.608	+ 22 35 6.3	65.2	2	5.30
2860	B. A. C. 2326 . . .	4.8	1 22.91	65.7	2	13.093	+ 82 40 5.1	64.3	4	5.31
2861	Lacaille 2617 . . .	6.2	7 1 31.52	63.0	2	+ 2.508	— 23 37 28.3	67.1	2	— 5.32
2862	Anonymous . . .	8.0	1 46.07	67.6	2	2.440	— 26 7 44.1	68.1	1	5.34
2863	Lacaille 2623 . . .	8.0	1 54.38	65.1	4	2.440	— 26 8 33.3	69.1	2	5.35
2864	Anonymous. . . .	. .	1 57.39	69.1	1	2.735	— 14 41	. .	.	5.36
2865	Anonymous . . .	9.0	1 57.68	69.1	1	2.442	— 26 2 39.7	69.2	2	5.36
2866	Weisse (2) VI, 1894 .	7.5*	7 1 58.09	48.1	2	+ 4.319	+ 44 4 8.0	48.2	4	— 5.36
2867	Anonymous . . .	8.5	2 1.48	69.1	1	2.735	— 14 40 2.3	61.8	5	5.36
2868	Anonymous . . .	9.2	2 8.85	69.1	1	2.734	— 14 41 18.6	70.2	2	5.37
2869	τ Geminorum. . . .	5.0*	2 13.49	61.0	8	3.830	+ 30 28 13.7	60.0	5	5.38
2870	O. Arg. S. 6262. . .	8.5	2 19.93	65.1	2	2.442	— 26 3 47.7	68.6	2	5.39

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			h. m. s.			"	° ′ ″			"
2871	B. A. C. 2341 . . .	5.5*	7 2 27.81	60.8	3	+ 4.700	+ 51 39 20.8	57.4	4	— 5.40
2872	O. Arg. S. 6270. . .	7.0	2 36.70	62.1	1	2.503	— 23 51 27.1	65.0	2	5.41
2873	Anonymous . . .	8.5	2 36.93	69.2	1	2.734	— 14 41	. .	.	5.41
2874	Anonymous . . .	8.4	2 38.32	68.1	3	2.293	— 31 11 24.7	69.6	2	5.41
2875	δ Canis Majoris . . .	3.0	2 41.99	66.3	18	2.439	— 26 10 24.7	65.8	3	5.42
2876	Lacaille 2637 . . .	7.3	7 2 49.50	67.1	2	+ 2.293	— 31 11 22.3	69.6	2	— 5.43
2877	Lalande 13873 . . .	7.0	2 57.36	69.2	2	4.019	+ 36 21 15.7	49.1	1	5.44
2878	Lacaille 2634 . . .	6.2	2 58.92	64.2	5	2.504	— 23 49 20.7	65.0	2	5.44
2879	Weisse VII, 63 . . .	8.5	3 14.07	61.0	1	2.738	— 14 33 40.7	69.7	2	5.46
2880	Σ Cat. Gen. 825, (1st*) .	8.0	3 36.76	62.5	5	3.605	+ 22 30 26.4	65.2	2	5.49
2881	Σ Cat. Gen. 825, (2d *) .	8.0	7 3 37.12	62.6	2	+ 3.605	+ 22 30 34.4	65.8	3	— 5.50
2882	O. Arg. S. 6311 . .	8.5	3 52.43	66.9	2	2.507	— 23 43 4.4	66.2	2	5.52
2883	O. Arg. N. 7623 . .	7.0	3 53.33	64.1	3	9.394	+ 78 30 23.1	65.4	2	5.52
2884	48 Geminorum. . . .	6.0	3 55.86	65.1	2	3.654	+ 24 21 32.4	68.6	2	5.52
2885	Lacaille 2641 . . .	7.0	3 56.89	68.6	4	2.472	— 25 0 26.0	70.2	2	5.53
2886	Anonymous . . .	. .	7 3 58.	. .	.	+ 2.473	— 24 58 52.1	70.1	1	— 5.53
2887	Weisse VII, 93. . .	8.0	3 58.50	62.4	3	2.738	— 14 32 27.7	63.4	4	5.53
2888	Anonymous . . .	. .	3 58.68	65.1	1	2.477	— 24 51	. .	.	5.53
2889	O. Arg. S. 6317 . .	8.4	3 58.83	70.1	2	2.473	— 24 59 2.9	70.5	3	5.53
2890	Anonymous . . .	8.2	4 18.18	66.1	2	4.239	+ 42 14 52.5	67.2	1	5.55
2891	Lacaille 2643 . . .	7.0	7 4 28.18	62.7	4	+ 2.374	— 28 31 20.8	65.6	2	— 5.56
2892	Lacaille 2647 . . .	4.2	4 42.01	63.7	3	2.410	— 27 15 55.4	69.2	2	5.59
2893	22 Monocerotis . . .	5.0	4 42.88	45.8	1	3.066	— 0 15 49.1	69.2	2	5.59
2894	O. Arg. S. 6343 . .	7.3	5 6.02	67.0	2	2.318	— 30 26 10.8	68.1	1	5.62
2895	Rumker 2131 . . .	8.9	5 10.09	62.2	1	3.511	+ 18 53 0.3	70.2	2	5.63
2896	Anonymous . . .	8.2	7 5 14.	. .	.	+ 2.733	— 14 47 11.5	70.2	1	— 5.63
2897	51 Geminorum. . . .	5.0*	5 19.83	60.9	5	3.450	+ 16 23 34.3	56.7	5	5.64
2898	Weisse (2) VII, 135 .	8.5	5 23.22	71.1	2	3.677	+ 25 14 53.3	71.2	2	5.64
2899	O. Arg. S. 6364 . .	8.8	5 39.08	69.6	2	2.508	— 23 44 25.0	66.2	2	5.67
2900	Weisse VII, 164 . .	8.5	5 43.04	69.4	3	2.739	— 14 34 11.9	56.1	1	5.67
2901	B. A. C. 2363 . . .	6.5	7 5 53.80	61.2	2	+ 3.668	+ 24 56 47.3	70.7	2	— 5.69
2902	Weisse (2) VII, 153 .	7.3	6 4.45	63.8	4	4.233	+ 42 10 24.6	64.7	2	5.70
2903	Anonymous . . .	. .	6 6.	. .	.	4.232	+ 42 9 16.0	62.2	1	5.70
2904	Anonymous . . .	8.2	6 8.07	64.6	2	2.746	— 14 15 34.8	69.1	2	5.71
2905	Lacaille 2655 . . .	7.0	6 27.19	63.8	5	2.416	— 27 6 8.9	62.2	3	5.73
2906	26 Canis Majoris . . .	5.5	7 6 28.44	66.7	2	+ 2.455	— 25 42 38.6	66.2	2	— 5.73
2907	Anonymous . . .	9.0	6 30.	. .	.	2.743	— 14 23 11.9	70.2	1	5.74
2908	Anonymous . . .	8.0	6 37.91	69.7	2	2.736	— 14 39 0.2	56.2	3	5.75
2909	B. A. C. 2371 . . .	6.9	6 40.52	62.2	3	2.315	— 30 35 24.7	68.2	2	5.75
2910	Lacaille 2659 . . .	6.5	6 46.55	63.4	4	2.412	— 27 14 29.5	69.1	2	5.76

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			h. m. s.			″	° ′ ″			″
2911	Weisse VII, 196 . .	8.0	7 6 54.02	64.5	2	+ 2.744	− 14 20 44.2	70.2	1	− 5.77
2912	O. Arg. N. 7681 . .	8.6	7 10.17	64.8	4	9.746	+ 79 8 34.7	63.5	3	5.79
2913	53 Geminorum. . . .	6.0*	7 12.38	64.6	2	3.756	+ 28 8 12.5	69.7	2	5.80
2914	O. Arg. S. 6431. . .	6.1	7 58.11	63.6	5	2.417	− 27 7 9.7	64.5	4	5.86
2915	Anonymous . . .	8.5	8 2.28	60.3	4	2.746	− 14 19 16.1	68.1	3	5.87
2916	O. Arg. S. 6442. . .	9.0	7 8 14.67	68.1	2	+ 2.420	− 27 3 24.1	69.1	1	− 5.88
2917	Anonymous. . . .	8.4	8 21.04	68.7	2	4.215	+ 41 47 56.5	46.2	1	5.89
2918	B. A. C. 2383 . . .	7.0*	8 22.74	66.2	2	3.721	+ 26 56 15.5	65.6	2	5.90
2919	Anonymous. . . .	7.7	8 29.08	69.1	1	4.092	+ 38 36 34.5	46.2	5	5.90
2920	27 Canis Majoris . . .	4.5*	8 32.96	66.0	2	2.446	− 26 6 48.1	66.1	2	5.91
2921	Weisse VII, 250 . .	7.4	7 8 44.75	60.3	4	+ 2.745	− 14 22 7.3	56.4	5	− 5.92
2922	Anonymous . . .	8.5	9 11.	. .	.	2.748	− 14 15 18.2	70.2	1	5.96
2923	B. A. C. 2393 . . .	6.5*	9 11.75	67.1	2	2.427	− 26 47 47.7	68.1	2	5.96
2924	B. A. C. 2394 . . .	7.4	9 12.24	67.1	2	2.323	− 30 24 57.1	66.6	2	5.96
2925	Weisse VII, 274 . .	7.5	9 26.79	66.9	4	2.747	− 14 15 59.2	70.2	1	5.98
2926	O. Arg. N. 7753 . .	8.7	7 9 36.37	61.1	3	+ 5.304	+ 60 14 28.5	63.2	2	− 6.00
2927	Anonymous . . .	8.3	9 40.32	70.0	1	2.518	− 23 27 17.3	69.1	1	6.00
2928	Weisse VII, 283 . .	7.6	9 41.50	69.1	3	2.748	− 14 15 57.0	53.5	3	6.00
2929	O. Arg. S. 6490. . .	7.3	9 44.44	63.8	3	2.390	− 28 7 20.3	69.1	2	6.01
2930	Weisse VII, 290 . .	9.0	9 51.13	69.1	1	2.739	− 14 36 47.6	62.7	2	6.02
2931	Lacaille 2684 . . .	7.0	7 9 54.87	70.0	1	+ 2.518	− 23 29 49.7	66.6	2	− 6.02
2932	B. A. C. 2399 . . .	5.5	9 56.02	63.7	2	2.322	− 30 26 38.5	66.6	2	6.02
2933	Lalande 14120 . . .	7.0	9 59.58	69.1	1	4.030	+ 36 55 33.9	49.2	1	6.03
2934	47 Camelopardi . . .	7.0	10 0.23	61.2	3	5.294	+ 60 9 20.5	56.5	3	6.03
2935	λ Geminorum. . . .	5.5	10 2.75	63.3	13	3.457	+ 16 47 19.7	66.1	1	6.03
2936	Weisse VII, 300 . .	9.0	7 10 7.44	69.1	2	+ 2.739	− 14 37 46.0	56.0	5	− 6.04
2937	B. A. C. 2320 . . .	6.0*	10 8.84	62.8	9	77.792	+ 89 1 20.3	64.4	2	6.04
2938	Anonymous. . . .	8.5	10 26.65	62.2	1	2.382	− 28 25	. .	.	6.06
2939	Lacaille 2695 . . .	8.5	10 40.65	65.1	2	2.331	− 30 11	. .	.	6.09
2940	Weisse VII, 316 . .	7.3	10 42.19	64.1	2	2.740	− 14 36 5.3	54.7	7	6.09
2941	Weisse (2) VII, 327 .	7.8	7 11 1.70	65.2	2	+ 3.594	+ 22 17	. .	.	− 6.12
2942	O. Arg. N. 7755 . .	8.0	11 9.48	64.1	3	9.600	+ 78 57 49.9	63.9	2	6.13
2943	Weisse VII, 320 . .	9.0	11 10.10	67.8	3	3.345	+ 12 5 34.4	57.1	2	6.13
2944	Anonymous . . .	8.5	11 22.99	69.7	2	2.740	− 14 36 16.9	56.2	3	6.15
2945	Anonymous. . . .	7.0	11 29.86	68.1	2	2.352	− 29 28 54.5	69.6	2	6.16
2946	O. Arg. S. 6553. . .	6.5	7 11 32.62	65.1	1	+ 2.318	− 30 38 50.3	68.2	1	− 6.16
2947	O. Arg. S. 6554. . .	8.0	11 32.64	65.1	1	2.318	− 30 39 29.3	68.2	1	6.16
2948	O. Arg. S. 6552. . .	8.0	11 33.30	66.7	2	2.385	− 28 21 6.9	66.1	2	6.16
2949	Anonymous. . . .	. .	11 44.	. .	.	4.202	+ 41 36 49.2	46.2	1	6.17
2950	δ Geminorum. . . .	3.4*	11 45.57	56.4	131	3.592	+ 22 14 11.3	50.6	65	6.18

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			h. m. s.			"	° ′ ″			"
2951	Anonymous. . . .	. .	7 11 50.32	71.2	1	+ 4.215	+ 41 56 7.5	58.2	2	— 6.18
2952	Anonymous. . . .	8.5	12 4.	. .	.	3.671	+ 25 13 56.4	70.2	1	6.20
2953	Anonymous . . .	9.0	12 7.	. .	.	3.671	+ 25 14 16.1	70.1	1	6.21
2954	Weisse (2) VII, 347 .	7.0	12 14.30	69.6	2	4.199	+ 41 34 12.7	52.2	4	6.22
2955	Anonymous . . .	. .	12 25.	. .	.	3.673	+ 25 18 15.9	58.2	1	6.23
2956	Anonymous . . .	8.5	7 12 25.91	69.2	2	+ 3.671	+ 25 14 46.6	70.1	1	— 6.23
2957	Anonymous . . .	8.8	12 34.97	69.2	2	3.671	+ 25 15 18.8	70.2	1	6.24
2958	Anonymous . . .	. .	12 35.	. .	.	3.673	+ 25 15 39.5	58.2	1	6.24
2959	65 Aurigæ	5.5	12 40.50	70.2	1	4.030	+ 37 1 12.3	47.2	6	6.25
2960	Anonymous . . .	. .	12 42.	. .	.	3.700	+ 26 18 0.1	71.2	1	6.25
2961	Anonymous . . .	8.1	7 12 47.98	64.2	2	+ 2.349	— 29 37 58.7	69.2	1	— 6.26
2962	Anonymous . . .	8.3	12 48.24	64.1	1	2.322	— 30 33 25.5	70.2	1	6.27
2963	30 Canis Majoris . . .	3.8	12 54.24	63.1	2	2.488	— 24 42 5.1	66.1	2	6.27
2964	Anonymous . . .	. .	12 56.47	46.2	1	4.353	+ 45 14 24.7	46.2	1	6.28
2965	Weisse VII, 368 . .	9.0	12 57.23	61.6	2	3.352	+ 12 24 48.9	62.2	2	6.28
2966	B. A. C. 2420 . . .	6.8	7 13 8.29	68.7	4	+ 2.323	— 30 32 45.5	66.8	3	— 6.29
2967	O. Arg. S. 6600. . .	6.0	13 9.26	68.1	4	2.444	— 26 19 56.2	68.2	2	6.29
2968	Anonymous . . .	9.0	13 21.04	68.1	2	2.310	— 30 58 20.4	70.5	3	6.31
2969	Lacaille 2726 . . .	7.0*	13 24.54	63.1	2	2.488	— 24 42 3.9	66.1	2	6.31
2970	Weisse VII, 387 . .	9.0	13 28.09	61.7	2	3.368	+ 13 6 34.8	66.1	2	6.32
2971	Weisse (2) VII, 389 .	7.5	7 13 43.24	69.1	2	+ 4.195	+ 41 31 34.9	46.2	4	— 6.34
2972	O. Arg. S. 6623. . .	8.0	13 57.86	68.1	2	2.445	— 26 18 52.5	69.2	2	6.36
2973	Anonymous . . .	7.5	14 1.04	69.1	2	2.742	— 14 36 40.4	56.2	4	6.36
2974	B. A. C. 2428 . . .	7.0	14 1.20	67.6	2	2.234	— 33 28 18.6	68.7	2	6.36
2975	Anonymous . . .	8.0	14 8.38	63.8	1	2.324	— 30 32	. .	.	6.37
2976	Anonymous . . .	8.8	7 14 13.30	69.8	3	+ 2.742	— 14 36 50.0	56.2	5	— 6.38
2977	Anonymous . . .	8.5	14 37.61	61.9	1	2.746	— 14 23 7.9	69.1	1	6.41
2978	Anonymous . . .	8.0	14 46.50	46.1	2	4.344	+ 45 7 9.7	69.1	1	6.42
2979	Lacaille 2741 . . .	6.6	14 50.97	67.6	2	2.442	— 26 26 31.4	67.2	2	6.43
2980	B. A. C. 2432 . . .	7.0	14 56.17	59.5	2	3.497	+ 18 32 18.7	54.1	2	6.44
2981	Lacaille 2747 . . .	6.5	7 15 13.92	62.7	2	+ 2.435	— 26 42 14.2	67.1	2	— 6.47
2982	O. Arg. S. 6666. . .	7.0	15 20.24	67.6	2	2.402	— 27 53 25.3	68.1	2	6.47
2983	Lacaille 2753 . . .	7.0	15 31.83	64.7	2	2.275	— 32 12 59.4	70.1	2	6.49
2984	Weisse VII, 461 . .	8.2	15 33.59	70.0	2	2.737	— 14 49 21.5	64.2	1	6.49
2985	Weisse VII, 464 . .	8.0	15 37.45	65.6	2	2.746	— 14 27 17.1	57.3	3	6.50
2986	O. Arg. S. 6678 . .	7.3	7 15 52.52	65.1	4	+ 2.402	— 27 55 46.4	69.1	2	— 6.52
2987	21 Lyncis	5.5*	16 8.48	60.1	2	4.551	+ 49 29 4.1	54.2	3	6.54
2988	Piazzi VII, 67 . . .	6.4	16 16.52	68.7	2	6.321	+ 68 44 41.3	62.6	3	6.55
2989	Weisse VII, 500 . .	8.5*	16 49.88	69.1	1	2.743	— 14 36 45.7	56.2	4	6.60
2990	B. A. C. 2443 . . .	7.0	16 50.02	63.2	2	2.273	— 32 19 21.8	66.1	2	6.60

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			h. m. s.			″	° ′ ″			″
2991	Anonymous . . .	8.5	7 16 58.32	63.2	2	+ 2.273	− 32 19 47.7	66.1	2	− 6.61
2992	Lacaille 2762 . . .	6.9	16 58.56	62.5	2	2.463	− 25 44 44.2	66.2	2	6.61
2993	ι Geminorum . . :	4.0*	17 1.69	59.8	8	3.745	+ 28 4 21.3	65.2	3	6.61
2994	Anonymous . . .	9.0	17 8.25	64.1	2	2.746	− 14 29 46.2	69.1	1	6.62
2995	Lacaille 2767, (1st *) .	8.5	17 13.39	69.1	1	2.166	− 35 39 16.0	69.3	5	6.63
2996	Lacaille 2767, (2d *) .	6.8	7 17 13.46	69.1	2	+ 2.166	− 35 39 24.1	70.2	3	− 6.63
2297	Anonymous . . .	8.1	17 14.50	68.8	3	2.735	− 14 56 43.0	67.7	2	6.63
2998	Anonymous . . .	8.1	17 14.93	64.1	3	2.314	− 30 58 44.5	68.6	2	6.63
2999	Anonymous . . .	9.0	17 23.52	61.6	4	3.304	+ 10 24 43.9	57.1	1	6.64
3000	s Puppis	5.0	17 39.51	66.2	2	2.294	− 31 39 23.4	67.6	2	6.67
3001	O. Arg. S. 6728. . .	8.0*	7 17 41.	. .	.	+ 2.492	− 24 41 8.3	65.1	2	− 6.67
3002	Weisse VII, 529 . .	8.5	17 43.32	60.6	4	2.747	− 14 28 8.7	60.4	6	6.67
3003	O. Arg. S. 6734. . .	6.6	17 50.73	64.3	3	2.414	− 27 33 55.4	69.2	2	6.68
3004	Anonymous . . .	7.0	17 55.	. .	.	2.170	− 35 34 3.3	67.1	2	6.69
3005	Anonymous . . .	6.7	18 10.69	64.9	4	2.314	− 31 1 50.5	68.6	2	6.71
3006	B. A. C. 2453 . . .	6.7	7 18 13.23	61.2	3	+ 2.339	− 30 10 50.4	66.1	2	− 6.71
3007	O. Arg. S. 6748 . .	7.2	18 20.34	64.9	5	2.373	− 29 1 12.0	67.7	2	6.72
3008	η Canis Majoris . . .	3.3	18 33.47	64.9	5	2.373	− 29 1 58.6	67.7	2	6.74
3009	B. A. C. 2455 . . .	7.0*	18 33.60	63.8	2	3.576	+ 21 48 43.1	67.7	2	6.74
3010	O. Arg. S. 6762. . .	6.0	18 40.70	66.6	2	2.645	− 18 44 27.1	68.1	1	6.75
3011	Anonymous . . .	7.5	7 18 42.96	59.1	4	+ 2.744	− 14 36 38.3	69.2	2	− 6.75
3012	Weisse VII, 551 . .	7.2	18 44.78	61.6	6	3.314	+ 10 53 0.3	62.2	2	6.76
3013	Anonymous . . .	7.2	19 1.62	68.7	2	2.736	− 14 57 51.4	67.7	2	6.78
3014	22 Lyncis	6.0*	19 17.58	60.4	3	4.569	+ 49 57 24.6	54.1	3	6.80
3015	B. A. C. 2461 . . .	4.5	19 22.06	63.1	2	2.300	− 31 32 12.8	66.2	1	6.81
3016	63 Geminorum . . .	6.0*	7 19 25.64	63.6	3	+ 3.573	+ 21 43 38.7	69.2	2	− 6.81
3017	Weisse VII, 569 . .	8.5	19 27.01	66.5	2	3.305	+ 10 28 50.0	70.2	2	6.81
3018	β Canis Minoris . . .	3.0*	19 33.48	60.2	2	3.261	+ 8 34 5.4	71.2	1	6.82
3019	Lacaille 2792 . . .	5.1	19 37.13	62.2	2	2.487	− 24 56 35.5	64.8	3	6.82
3020	Anonymous . . .	8.8	19 39.34	60.4	3	3.302	+ 10 21 56.2	65.5	3	6.83
3021	Lacaille 2797 . . .	7.1	7 19 50.63	63.5	3	+ 2.450	− 26 20 57.1	67.2	2	− 6.85
3022	B. A. C. 2463 . . .	6.5	19 57.96	70.0	1	3.735	+ 27 49 56.7	58.4	3	6.85
3023	Anonymous, (1st *) .	9.0	19 58.01	70.1	1	2.742	− 14 41 55.4	67.1	2	6.85
3024	Anonymous, (2d *) .	. .	19 58.41	70.1	1	2.742	− 14 39 55.7	70.1	1	6.85
3025	ρ Geminorum. . . .	5.0*	20 6.10	65.1	2	3.859	+ 32 3 32.2	47.1	2	6.86
3026	Lalande 14465 . . .	8.0	7 20 14.97	68.7	2	+ 3.954	+ 35 5 9.8	49.2	1	− 6.87
3027	B. A. C. 2466 . . .	6.5	20 20.52	63.1	2	2.304	− 31 27 47.0	68.6	2	6.88
3028	O. Arg. S. 6810. . .	7.4	20 22.98	64.4	3	2.446	− 26 30 50.5	68.1	2	6.89
3029	Lalande 14473 . . .	7.0	20 32.18	70.2	1	4.168	+ 41 7 53.4	46.1	1	6.90
3030	Anonymous . . .	8.6	20 35.18	66.1	2	3.424	+ 15 38 38.8	69.2	1	6.91

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			h. m. s.			"	° ′ ″			"
3031	Lalande 14484 . . .	6.5	7 20 42.05	69.2	1	+ 4.069	+ 38 27 23.3	47.8	3	— 6.92
3032	Weisse VII, 625 . .	8.7	20 45.94	63.2	2	2.823	— 11 12 43.5	70.1	2	6.92
3033	Lalande 14499 . . .	9.0*	21 1.	. .	.	4.019	+ 37 3 49.4	49.2	1	6.94
3034	b^2 Geminorum. . . .	5.5*	21 6.01	59.2	2	3.745	+ 28 12 4.0	51.1	12	6.95
3035	B. A. C. 2470 . . .	7.8	21 16.80	62.5	3	2.822	— 11 16 33.0	68.2	2	6.96
3036	Anonymous . . .	8.5	7 21 17.	. .	.	+ 4.152	+ 40 44 1.7	70.1	1	— 6.96
3037	Weisse (2) VII, 594. .	8.2	21 24.93	69.8	3	4.148	+ 40 38 43.5	62.2	3	6.97
3038	B. A. C. 2472 . . .	6.5	21 57.09	69.1	2	3.744	+ 28 12 5.5	62.2	2	7.02
3039	6 Canis Minoris . . .	5.5	21 59.96	68.1	3	3.345	+ 12 17 33.6	70.1	2	7.02
3040	Weisse (2) VII, 613 .	9.0*	22 0.97	46.2	1	4.190	+ 41 45 17.0	53.2	2	7.02
3041	Lacaille 2814 . . .	7.5	7 22 13.00	63.2	2	+ 2.404	— 28 5 19.8	68.7	2	— 7.04
3042	Weisse (2) VII, 625 .	8.5*	22 16.74	46.1	1	4.150	+ 40 43 35.1	46.1	1	7.05
3043	Lacaille 2813 . . .	6.6	22 19.37	64.6	6	2.446	— 26 33 21.8	68.1	2	7.05
3044	Anonymous. . . .	8.5	22 44.	. .	.	2.743	— 14 44 58.4	70.1	1	7.08
3045	Anonymous . . .	. .	22 54.87	71.1	1	2.652	— 18 35 23.9	63.2	2	7.10
3046	Anonymous . . .	8.5	7 22 58.45	70.1	1	+ 3.592	+ 22 34 41.0	70.1	1	— 7.10
3047	Lalande 14619 . . .	6.0	22 59.50	69.2	2	2.744	— 14 42 13.6	67.2	2	7.10
3048	Weisse (2) VII, 667 .	8.0	23 18.98	62.2	2	3.420	+ 15 32 28.1	67.7	2	7.13
3049	Lacaille 2824 . . .	6.5	23 27.31	66.6	2	2.112	— 37 31 23.1	66.6	2	7.14
3050	Weisse (2) VII, 681 .	8.6	23 38.40	63.8	5	3.422	+ 15 38 11.2	68.2	2	7.16
3051	Weisse (2) VII, 682 .	8.3	7 23 38.70	64.2	8	+ 3.421	+ 15 36 12.8	62.2	1	— 7.16
3052	Lalande 14620 . . .	5.8	23 43.99	64.6	2	3.463	+ 17 22 50.0	67.2	2	7.16
3053	Anonymous. . . .	7.8	23 45.93	64.1	1	2.608	— 20 24	. .	.	7.17
3054	O. Arg. S. 6907. . .	8.1	23 46.88	64.6	2	2.340	— 30 21 27.1	68.2	1	7.17
3055	Anonymous. . . .	9.2	23 55.53	65.2	1	2.516	— 24 1 54.5	70.2	1	7.17
3056	Weisse (2) VII, 678 .	8.0	7 24 3.05	69.1	2	+ 4.175	+ 41 28 34.9	46.2	1	— 7.19
3057	Anonymous . . .	8.0	24 13.06	69.1	2	2.494	— 24 51 25.1	64.6	2	7.20
3058	Weisse (2) VII, 705. .	9.0	24 22.63	68.1	3	3.420	+ 15 34 32.4	66.2	1	7.22
3059	O. Arg. S. 6941. . .	8.3	24 50.44	64.1	2	2.394	— 28 33 38.5	69.2	2	7.26
3060	O. Arg. S. 6946. . .	8.6	24 54.45	64.1	2	2.394	— 28 32 46.7	69.2	2	7.26
3061	Weisse VII, 756 . .	8.8	7 24 57.21	59.1	2	+ 3.308	+ 10 43 1.8	64.2	2	— 7.27
3062	Weisse (2) VII, 727 .	8.0	25 6.62	67.1	2	3.436	+ 16 16 41.1	69.1	1	7.28
3063	O. Arg. S. 6948. . .	7.5	25 8.10	63.7	7	2.415	— 27 48 16.9	66.1	3	7.28
3064	O. Arg. S. 6949. . .	7.6	25 8.32	64.1	4	2.414	— 27 49 45.0	66.1	3	7.28
3065	Lalande 14637 . . .	7.0	25 15.92	60.5	2	3.568	+ 21 42 9.9	56.1	2	7.29
3066	B. A. C. 2484 . . .	5.5	7 25 16.05	66.2	2	+ 2.333	— 30 40 15.7	66.2	2	— 7.29
3067	68 Geminorum. . . .	5.0*	25 36.96	60.4	10	3.432	+ 16 7 25.0	68.1	2	7.32
3068	Weisse (2) VII, 728 .	7.0	25 37.59	69.2	1	4.147	+ 40 48 21.5	53.2	2	7.32
3069	a^1 Geminorum. . . .	3.0*	25 39.30	61.3	28	3.856	+ 32 11 27.7	51.0	16	7.32
3070	a^2 Geminorum. . . .	1.5*	25 39.83	55.2	160	3.856	+ 32 11 30.1	51.1	17	7.32

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			h. m. s.			″	° ′ ″			″
3071	Weisse (2) VII, 730 .	9.0*	7 25 40.52	46.1	1	+ 4.184	+ 41 45 53.2	46.1	1	— 7.32
3072	Weisse VII, 816 . .	9.0	27 4.62	59.1	2	3.366	+ 13 18 45.0	69.2	2	7.44
3073	*v* Geminorum. . . .	5.0*	27 17.50	59.7	11	3.710	+ 27 12 10.8	61.2	3	7.45
3074	Weisse VII, 835 . .	7.5	27 22.12	59.2	2	2.757	— 14 13 25.8	55.9	3	7.46
3075	O. Arg. S. 7026. . .	7.0	27 24.21	65.6	2	2.411	— 28 1 36.4	66.5	2	7.47
3076	Weisse (2) VII, 789 .	7.5	7 27 41.11	68.6	2	+ 4.156	+ 41 9 3.0	62.6	2	— 7.49
3077	Weisse (2) VII, 791 .	8.0	27 42.36	68.6	2	4.154	+ 41 5 28.9	62.6	2	7.49
3078	Lacaille 2852 . . .	7.0	28 8.23	64.5	4	2.264	— 33 5 57.7	62.2	2	7.52
3079	Weisse VII, 871 . .	8.5	28 29.96	64.1	2	2.748	— 14 38 43.0	55.5	3	7.55
3080	Groombridge 1343. .	6.7	28 40.90	68.8	3	4.059	+ 38 34 7.1	46.2	3	7.57
3081	*g* Puppis	5.0	7 28 42.68	66.1	2	+ 2.473	— 25 48 46.4	66.5	3	— 7.57
3082	Lacaille 2857 . . .	6.5	28 52.44	62.5	2	2.449	— 26 42 38.5	68.2	2	7.58
3083	Lacaille 2859 . . .	6.2	28 56.47	64.2	3	2.263	— 33 9 47.0	67.7	2	7.59
3084	Anonymous . . .	. .	29 1.	. .	.	3.566	+ 21 46 29.9	57.2	1	7.60
3085	O. Arg. S. 7063 . .	7.7	29 14.01	64.4	6	2.383	— 29 6 17.1	68.2	1	7.61
3086	O. Arg. S. 7065 . .	9.0	7 29 20.18	69.2	2	+ 2.474	— 25 48 50.9	66.6	2	— 7.62
3087	70 Geminorum. . . .	6.0*	29 21.09	60.1	3	3.950	+ 35 21 29.1	51.9	7	7.62
3088	Lacaille 2867 . . .	4.0	29 45.67	62.2	3	2.413	— 28 3 42.2	67.1	2	7.65
3089	Lacaille 2864 . . .	8.0	29 46.28	66.1	2	2.473	— 25 50 53.3	66.1	1	7.65
3090	Weisse (2) VII, 874 .	9.0	29 58.94	60.5	2	3.566	+ 21 46 32.2	55.1	2	7.67
3091	*o* Geminorum. . . .	5.7	7 30 1.18	69.6	2	+ 3.934	+ 34 54 7.5	49.2	1	— 7.68
3092	Anonymous . . .	8.7	30 2.82	64.5	3	2.369	— 29 41 37.0	65.5	3	7.68
3093	Weisse VII, 924 . .	7.5	30 9.73	69.2	1	2.760	— 14 11 8.7	55.5	3	7.69
3094	Anonymous . . .	8.6	30 13.49	64.5	3	2.366	— 29 45 5.0	70.2	3	7.69
3095	O. Arg. S. 7100. . .	8.7	30 22.26	66.8	3	2.386	— 29 3 0 4	68.2	2	7.70
3096	O. Arg. S. 7101. . .	7.5	7 30 27.20	67.6	2	+ 2.438	— 27 11 44.2	70.1	2	— 7.71
3097	Lacaille 2873 . . .	6.5	30 33.11	66.6	2	2.268	— 33 5 3.7	62.2	2	7.72
3098	O. Arg. S. 7107. . .	7.5	30 35.46	67.6	2	2.390	— 28 56 22.8	70.2	2	7.72
3099	Lacaille 2870 . . .	6.5	30 42.33	67.1	2	2.496	— 25 1 23.0	67.6	2	7.73
3100	Groombridge 1352 .	7.0	30 48.80	68.8	3	4.059	+ 38 39 38.8	46.9	3	7.74
3101	Anonymous . . .	9.1	7 31 7.26	67.6	2	+ 2.331	— 31 0 36.4	70.2	2	— 7.76
3102	Lacaille 2876 . . .	7.0	31 21.86	. .	.	2.537	— 23 27 48.8	67.6	2	7.78
3103	O. Arg. S. 7131 . .	7.6	31 23.17	64.7	2	2.441	— 27 6 39.4	70.1	2	7.79
3104	*f* Geminorum. . . .	6.0*	31 23.34	60.8	6	3.472	+ 17 59 23.9	59.3	5	7.79
3105	Weisse (2) VII, 915 .	8.5	31 25.24	68.1	2	3.544	+ 20 56 46.7	65.1	1	7.79
3106	Anonymous . . .	7.8	7 31 26.91	71.1	1	+ 2.331	— 31 1 26.5	70.2	2	— 7.79
3107	Weisse VII, 968 . .	9.0*	31 47.15	59.1	2	3.305	+ 10 42 38.0	57.2	2	7.81
3108	Anonymous . . .	. .	31 57.	. .	.	3.563	+ 21 46 7.6	56.5	3	7.83
3109	*a* Canis Minoris . . .	1.0	31 58.47	57.3	234	3.192	+ 5 35 0.2	51.6	57	7.83
3110	Anonymous . . .	. .	32 10.16	69.2	1	2.750	— 14 40 17.7	56.5	3	7.83

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			h. m. s.			″	° ′ ″			″
3111	*m* Puppis	4.5	7 32 28.36	69.6	2	+ 2.497	− 25 2 56.1	64.7	2	− 7.87
3112	Anonymous	. .	32 35.	. .	.	3.423	+ 15 34 37.3	69.2	1	7.88
3113	B. A. C. 2526 . . .	6.0	32 40.71	64.8	4	3.191	+ 5 33 0.4	69.2	2	7.89
3114	O. Arg. S. 7167. . .	7.6	32 44.66	69.2	3	2.329	− 31 8 15.0	69.1	2	7.90
3115	Anonymous	. .	32 51.	. .	.	3.299	+ 10 26 56.2	62.2	2	7.91
3116	B. A. C. 2521 . . .	6.0*	7 32 55.49	68.1	3	+10.499	+ 80 36 23.9	70.4	4	− 7.91
3117	k^1 Puppis	6.2	33 5.08	62.2	3	2.460	− 26 29 8.1	66.2	2	7.92
3118	k^2 Puppis	6.7	33 5.63	62.2	3	2.460	− 26 29 17.1	66.2	2	7.92
3119	51 Camelopardi . . .	6.0*	33 15.10	62.2	2	5.802	+ 65 47 4.4	68.6	2	7.94
3120	Anonymous	8.8	33 24.08	64.1	3	3.298	+ 10 26 57.8	71.2	1	7.94
3121	Anonymous	9.4	7 33 25.99	65.2	1	+ 3.191	+ 5 31 0.5	68.6	2	− 7.94
3122	Anonymous	8.0	33 27.54	70.1	1	2.368	− 29 49 16.7	68.2	2	7.95
3123	Anonymous	7.7	33 35.48	69.6	2	2.528	− 23 54 40.3	67.2	2	7.95
3124	Anonymous	7.0	33 59.52	65.1	1	3.550	+ 21 18 2.7	68.1	1	8.00
3125	Anonymous	7.8	34 5.69	69.6	2	2.229	− 34 30 11.4	71.2	1	8.01
3126	Anonymous	7.8	7 34 6.	. .	.	+ 2.230	− 34 29 38.1	64.2	1	− 8.01
3127	Anonymous	. .	34 6.	. .	.	2.759	− 14 19 21.3	56.4	3	8.01
3128	O. Arg. S. 7224. . .	7.3	34 32.76	64.1	3	2.369	− 29 50 53.7	66.7	2	8.04
3129	Weisse VII, 1053 . .	9.0	34 37.71	61.1	2	3.368	+ 13 34 12.1	60.9	3	8.05
3130	Anonymous	9.2	34 48.11	69.1	1	2.231	− 34 28 33.4	71.2	1	8.06
3131	Lacaille 2908 . . .	7.5	7 34 54.25	67.9	3	+ 2.372	− 29 45 33.3	66.2	2	− 8.07
3132	Weisse (2) VII, 1022 .	9.1	34 55.86	68.3	4	3.547	+ 21 13 47.0	68.2	1	8.07
3133	Lalande 15006 . . .	7.1	34 56.45	69.2	2	2.528	− 23 57 5.1	67.6	3	8.07
3134	O. Arg. S. 7237 . .	8.6	34 56.91	67.9	3	2.373	− 29 43 41.4	66.2	2	8.07
3135	B. A. C. 2544 . . .	7.0*	35 1.68	61.2	2	3.585	+ 22 43 33.1	65.6	2	8.08
3136	O. Arg. S. 7239 . .	7.0	7 35 3.03	67.0	3	+ 2.432	− 27 37 22.0	68.2	2	− 8.08
3137	Anonymous	8.0	35 6.95	59.0	1	2.760	− 14 18	. .	.	8.09
3138	Lacaille 2916. . . .	5.5	35 26.53	69.1	1	2.328	− 31 20 14.5	65.2	2	8.12
3139	κ Geminorum. . . .	4.0*	35 59.53	58.7	13	3.635	+ 24 43 48.3	58.3	7	8.16
3140	O. Arg. S. 7286 . .	7.0	36 34.66	64.0	4	2.372	− 29 51 32.4	66.5	3	8.20
3141	O. Arg. S. 7289 . .	8.6	7 36 38.84	66.6	2	+ 2.434	− 27 36 16.2	69.6	2	− 8.21
3142	β Geminorum. . . .	1.0	36 44.77	57.9	197	3.730	+ 28 21 39.2	49.6	40	8.22
3143	O. Arg. S. 7296 . .	8.3	36 47.43	70.1	1	2.370	− 29 54 46.2	67.2	1	8.22
3144	Lacaille 2923 . . .	6.5	37 1.47	65.7	2	2.477	− 26 1 15.8	67.2	2	8.24
3145	Lalande 15079 . . .	8.0	37 30.	. .	.	2.836	− 10 58 53.8	68.7	2	8.28
3146	Lacaille 2929 . . .	6.8	7 37 49.18	68.7	2	+ 2.500	− 25 10 19.9	64.6	2	− 8.30
3147	Lalande 15073 . . .	7.7	37 51.71	65.3	4	3.550	+ 21 27 28.5	68.7	2	8.31
3148	g Geminorum. . . .	5.7	38 0.98	62.9	5	3.487	+ 18 50 52.0	66.1	2	8.32
3149	π Geminorum. . . .	5.5*	38 28.39	62.0	5	3.884	+ 33 45 21.1	62.2	2	8.35
3150	11 Canis Minoris . . .	6.0*	38 33.76	60.1	2	3.311	+ 11 6 21.1	54.2	3	8.36

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			h. m. s.			″	° ′ ″			″
3151	Lacaille 2941 . . .	7.0	7 38 43.25	66.6	2	+ 2.332	− 31 20 49.3	67.7	2	− 8.37
3152	Radcliffe 2020 . . .	7.5	38 52.05	62.1	2	20.833	+ 86 5 16.8	67.2	2	8.39
3153	2 Puppis, (1st *) . . .	7.3	39 2.34	60.6	4	2.761	− 14 20 56.6	58.7	4	8.40
3154	2 Puppis, (2d *) . . .	7.0	39 2.80	61.1	6	2.761	− 14 21 11.3	57.4	6	8.40
3155	Rumker 2282 . . .	8.8	39 28.76	59.8	3	3.356	+ 13 9 33.0	56.2	2	8.43
3156	4 Puppis	4.5	7 39 30.04	65.6	2	+ 2.764	− 14 13 34.0	68.7	2	− 8.44
3157	O. Arg. S. 7376. . .	7.8	39 35.31	64.0	4	2.446	− 27 18 13.6	69.7	2	8.44
3158	Weisse (2) VII, 1143 .	7.9	39 40.57	65.2	5	3.547	+ 21 22 35.0	69.2	2	8.45
3159	Lacaille 2952 . . .	7.0	39 57.08	65.6	5	2.534	− 23 55 5.0	68.1	2	8.47
3160	B. A. C. 2581 . . .	6.5	40 21.69	66.7	2	2.258	− 33 53 41.9	69.7	2	8.50
3161	Anonymous . . .	9.1	7 40 30.96	66.7	2	+ 2.449	− 27 14 58.2	69.6	2	− 8.52
3162	Weisse VII, 1232 . .	8.0	40 44.38	65.1	2	2.818	− 11 51 34.1	68.2	2	8.53
3163	Anonymous . . .	8.0	40 58.17	69.2	2	2.765	− 14 16 7.8	57.5	3	8.54
3164	Anonymous . . .	8.0	41 0.12	64.1	2	2.761	− 14 26 24.0	56.1	2	8.56
3165	Anonymous . . .	. .	41 17.	. .	.	4.029	+ 38 22 1.7	70.1	1	8.57
3166	5 Puppis	8.0	7 41 23.32	66.5	3	+ 2.818	− 11 51 5.1	67.1	2	− 8.57
3167	Anonymous . . .	9.0	41 40.69	69.1	1	4.022	+ 38 10 42.7	46.2	1	8.61
3168	Rumker 2287 . . .	6.0	41 43.42	69.2	1	3.354	+ 13 9 42.4	56.2	2	8.61
3169	Weisse VII, 1259 . .	8.1	41 56.22	65.1	2	2.818	− 11 52 23.0	68.7	2	8.63
3170	O. Arg. S. 7442 . .	9.0	41 57.77	69.6	2	2.539	− 23 50 26.3	69.1	1	8.63
3171	Lalande 15196 . . .	6.0	7 41 57.84	69.6	2	+ 3.996	+ 37 25 59.5	47.1	2	− 8.63
3172	O. Arg. S. 7444. . .	7.5	42 3.60	67.1	2	2.370	− 30 12 17.0	68.7	2	8.64
3173	O. Arg. S. 7443. . .	9.0	42 4.15	68.4	3	2.537	− 23 54 53.9	70.2	1	8.64
3174	O. Arg. S. 7445. . .	9.0	42 4.71	67.7	2	2.450	− 27 16 37.6	69.7	2	8.64
3175	Anonymous. . . .	. .	43 10.	. .	.	2.381	− 29 47 27.7	69.1	1	8.65
3176	o Puppis	4.0	7 42 15.88	70.1	2	+ 2.494	− 25 35 32.3	67.6	2	− 8.66
3177	Anonymous. . . .	8.5	42 24.48	69.1	1	2.499	− 25 25 29.4	70.2	1	8.66
3178	Anonymous. . . .	8.5	42 24.80	68.8	3	4.019	+ 38 9 17.1	58.7	4	8.66
3179	Anonymous. . . .	. .	42 30.	. .	.	2.819	− 11 50 9.5	66.1	1	8.67
3180	Anonymous. . . .	8.5	42 30.	. .	.	2.550	− 23 25 19.5	70.1	1	8.67
3181	Anonymous. . . .	9.0	7 42 30.	. .	.	+ 2.550	− 23 24 27.4	70.1	1	− 8.67
3182	Anonymous. . . .	8.5	42 33.46	59.2	2	2.766	− 14 15 57.4	56.2	2	8.68
3183	B. A. C. 2590 . . .	6.0	42 35.39	69.2	1	9.806	+ 79 51 8.7	67.1	2	8.68
3184	Anonymous. . . .	9.2	42 36.	. .	.	2.500	− 25 24 37.6	67.6	2	8.68
3185	O. Arg. S. 7458. . .	8.8	42 36.94	71.1	1	2.537	− 23 54 55.9	70.2	1	8.68
3186	O. Arg. S. 7464. . .	8.1	7 42 48.36	64.2	3	+ 2.466	− 26 41 55.9	69.2	2	− 8.70
3187	O. Arg. S. 7465. . .	7.9	42 50.09	64.1	4	2.468	− 26 38 49.4	69.2	2	8.70
3188	B. A. C. 2585 . . .	7.0	42 53.12	62.5	2	15.465	+ 84 26 54.3	62.2	3	8.70
3189	Lalande 15235 . . .	7.0	43 1.43	69.2	1	3.967	+ 36 37 28.0	47.1	2	8.71
3190	O. Arg. S. 7470. . .	7.5	43 5.35	64.4	3	2.365	− 30 24 32.6	68.2	2	8.72

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			h. m. s.			″	′ ″			″
3191	B. A. C. 2599 . . .	6.3	7 43 9.14	60.1	2	+ 2.522	− 24 32 55.5	66.2	2	− 8.73
3192	Anonymous . . .	. .	43 10.50	46.1	1	4.023	+ 38 17 40.3	46.2	3	8.73
3193	O. Arg. S. 7473. . .	7.8	43 11.94	68.8	3	2.379	− 29 54 48.9	68.2	2	8.73
3194	O. Arg. S. 7476. . .	8.5	43 21.58	71.2	1	2.550	− 23 27 3.1	70.7	2	8.74
3195	Anonymous . . .	8.5	43 24.02	69.1	1	2.500	− 25 25 25.6	65.1	1	8.74
3196	ξ Argus	4.3*	7 43 24.47	60.5	9	+ 2.523	− 24 30 40.5	68.1	2	− 8.74
3197	Anonymous . . .	8.0	43 39.63	62.2	1	2.548	− 23 31 49.2	70.2	1	8.77
3198	Anonymous . . .	7.0	43 42.47	69.1	1	3.081	+ 0 25 52.4	70.2	2	8.77
3199	Anonymous . . .	. .	43 45.	. .	.	3.082	+ 0 28 59.1	57.2	1	8.77
3200	B. A. C. 2605 . . .	6.0	43 48.02	69.2	1	3.502	+ 19 40 47.5	53.2	5	8.78
3201	O. Arg. S. 7505. . .	7.5	7 43 51.80	70.7	2	+ 2.372	− 30 12 29.2	68.7	2	− 8.78
3202	Lacaille 2998 . . .	6.5	44 2.69	65.2	3	2.551	− 23 26 52.5	68.2	2	8.79
3203	Anonymous . . .	9.0	44 4.81	69.2	1	3.082	+ 0 28 50.7	70.2	2	8.80
3204	Lacaille 3006 . . .	Var.	44 14.59	67.3	2	2.294	− 32 56 19.8	67.7	2	8.81
3205	25 Lyncis	6.5	44 17.53	65.4	3	4.394	+ 47 44 38.7	64.5	3	8.81
3206	Weisse (2) VII, 1263 .	8.5	7 44 36.58	71.2	1	+ 3.794	+ 31 1 41.2	71.2	2	− 8.84
3207	Lalande 15323 . . .	7.5	44 52.97	69.2	1	3.521	+ 20 32 10.4	56.2	2	8.86
3208	Anonymous . . .	. .	44 53.	. .	.	3.082	+ 0 31 48.1	57.1	1	8.86
3209	ϕ Geminorum. . . .	5.0*	44 55.46	65.5	32	3.686	+ 27 7 28.5	60.2	8	8.86
3210	52 Camelopardi . . .	5.5*	45 4.60	60.1	3	4.909	+ 56 52 4.0	54.1	3	8.88
3211	Anonymous . . .	9.0	7 45 4.74	68.2	1	+ 3.083	+ 0 30 37.2	70.2	1	− 8.88
3212	Lacaille 3012 . . .	6.5	45 5.40	62.8	3	2.534	− 24 10 25.7	65.6	2	8.88
3213	9 Puppis	5.0*	45 17.39	60.1	2	2.784	− 13 31 46.7	61.2	2	8.89
3214	Anonymous . . .	7.0	45 33.77	69.2	1	4.015	+ 38 12 24.7	46.2	3	8.91
3215	Anonymous . . .	. .	45 49.	. .	.	3.083	+ 0 30 53.2	70.2	1	8.93
3216	Anonymous . . .	. .	7 45 58.	. .	.	+ 3.083	+ 0 32 8.6	57.1	1	− 8.95
3217	Weisse (2) VII, 1305 .	7.4	45 58.51	65.2	5	3.543	+ 21 27 57.5	67.1	2	8.95
3218	Anonymous . . .	9.0	45 58.60	62.2	3	3.520	+ 20 32 30.0	56.2	3	8.95
3219	Weisse VII, 1371 . .	7.5	46 21.75	68.7	2	3.365	+ 13 47 2.5	65.2	2	8.98
3220	Weisse (2) VII, 1312 .	7.0	46 28.20	60.2	3	4.063	+ 39 39 0.8	56.6	2	8.99
3221	Anonymous . . .	9.0	7 46 32.08	64.2	2	+ 2.487	− 26 4 16.7	68.1	2	− 8.99
3222	Anonymous . . .	7.6	47 16.31	64.4	5	2.489	− 26 3 16.9	67.8	3	9.05
3223	85 Geminorum. . . .	6.5*	47 29.44	59.8	3	3.512	+ 20 15 1.0	62.2	4	9.07
3224	Lacaille 3041 . . .	6.8	48 0.44	62.9	3	2.494	− 25 53 58.8	67.2	2	9.11
3225	Anonymous . . .	7.3	48 9.90	64.0	6	2.492	− 25 59 9.4	67.3	2	9.12
3226	Anonymous . . .	7.2	7 48 21.21	66.7	2	+ 2.497	− 25 47 21.0	68.2	2	− 9.13
3227	O. Arg. N. 8445 . .	8.5	48 23.22	67.5	2	4.357	+ 47 10 55.1	64.2	1	9.14
3228	Anonymous . . .	. .	48 25.99	48.2	1	4.235	+ 44 20 48.1	48.2	1	9.14
3229	Weisse (2) VII, 1366 .	7.8	48 26.09	69.1	2	3.511	+ 20 15 54.1	69.2	1	9.14
3230	Anonymous . . .	8.0	48 42.78	68.4	4	3.327	+ 12 7 0.3	68.2	2	9.16

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3231	O. Arg. S. 7636. . .	6.5	7 48 43.08	66.7	2	+ 2.447	− 27 44 28.0	69.2	2	− 9.16
3232	Weisse (2) VII, 1362 .	7.0*	48 47.45	48.1	4	4.215	+ 43 52 31.9	48.2	9	9.17
3233	1 Cancri	5.8	49 2.35	61.8	4	3.416	+ 16 9 39.0	61.0	6	9.19
3234	(* 133) Washington .	7.9	49 12.15	65.2	5	3.326	+ 12 3 26.9	67.2	3	9.20
3235	Anonymous . . .	8.7	49 12.18	70.8	3	2.490	− 26 6 12.9	67.7	2	9.20
3236	Lacaille 3061 . . .	7.0	7 49 21.79	66.2	2	+ 2.354	− 31 10 7.2	66.2	2	− 9.21
3237	Weisse VII, 1459 . .	9.0	49 25.87	65.2	3	3.323	+ 11 55 40.5	65.2	2	9.22
3238	Anonymous . . .	7.5	49 27.23	67.1	2	2.491	− 26 3 32.4	67.7	4	9.22
3239	O. Arg. N. 8459 . .	7.6	49 36.19	65.0	2	4.345	+ 46 59 44.0	67.1	2	9.23
3240	Anonymous . . .	7.0	49 42.12	64.1	2	2.372	− 30 33 4.9	68.2	2	9.24
3241	53 Camelopardi . . .	5.5	7 49 43.29	69.2	2	+ 5.187	+ 60 42	. .	.	− 9.24
3242	O. Arg. S. 7669 . .	6.5	49 53.14	61.2	4	2.388	− 29 59 2.0	65.2	3	9.25
3243	Anonymous . . .	8.5	50 3.93	66.6	2	3.516	+ 20 31 46.3	56.7	3	9.27
3244	Weisse VII, 1477 . .	8.5	50 18.43	69.1	2	3.333	+ 12 24 11.7	67.6	2	9.28
3245	Anonymous . . .	8.8	50 25.62	67.2	2	3.324	+ 12 1 14.5	69.2	2	9.29
3246	Anonymous . . .	8.2	7 50 29.51	69.1	1	+ 5.192	+ 60 47 48.2	55.2	3	− 9.28
3247	Anonymous . . .	7.0	50 34.41	71.1	1	2.373	− 30 32 26.6	67.2	1	9.31
3248	B. A. C. 2651 . . .	5.5	50 47.92	63.6	7	2.391	− 29 54 48.7	67.8	6	9.32
3249	54 Camelopardi . . .	6.0*	51 10.23	60.1	6	4.940	+ 57 39 23.7	54.1	3	9.35
3250	Weisse VII, 1504 . .	8.5	51 16.74	67.2	2	3.325	+ 12 4 13.7	69.2	2	9.36
3251	Anonymous . . .	9.0	7 51 19.	. .	.	+ 2.389	− 30 0 19.8	70.2	1	− 9.36
3252	Lacaille 3078 . . .	6.5	51 44.46	63.2	2	2.275	− 31 0 21.8	68.2	3	9.40
3253	Anonymous . . .	7.7	51 47.98	64.1	2	2.312	− 32 45 59.3	70.1	2	9.40
3254	B. A. C. 2655 . . .	6.0	52 5.40	60.0	3	2.392	− 29 57 37.7	67.4	10	9.47
3255	Anonymous . . .	7.5	52 14.90	65.5	2	2 455	− 27 37	. .	.	9.43
3256	Lacaille 3086 . . .	6.0	7 52 16.19	69.2	2	+ 2.009	− 42 1 1.1	67.1	2	− 9.43
3257	3 Cancri	6.0*	52 45.74	59.6	2	3.448	+ 17 41 20.1	58.2	3	9.47
3258	O. Arg. S. 7758 . .	6.6	52 53.01	64.2	2	2.467	− 27 11 59.5	70.2	2	9.48
3259	Anonymous . . .	7.3	53 0.03	69.6	2	2.178	− 37 12 13.7	64.2	2	9.49
3260	O. Arg. S. 7769. . .	7.6	53 9.18	65.1	2	2.458	− 27 31 45.3	67.2	2	9.51
3261	Anonymous . . .	9.0	7 53 24.	. .	.	+ 2.394	− 29 57 44.6	70.2	1	− 9.52
3262	Lacaille 3093 . . .	6.5	53 29.28	69.1	2	2.197	− 36 38 6.1	62.2	2	9.53
3263	5 Cancri	6.0	53 31.38	64.2	4	3.428	+ 16 50 17.8	66.7	2	9.53
3264	O. Arg. N. 8531 . .	7.8	53 42.36	60.1	3	4.966	+ 58 9 54.1	61.2	4	9.55
3265	Anonymous . . .	7.3	53 47.75	64.2	2	2.446	− 28 3 6.4	67.3	2	9.55
3266	O. Arg. S. 7798. . .	7.7	7 54 21.62	68.6	2	+ 2.394	− 29 59 42.7	68.7	4	− 9.60
3267	6 Cancri	5.5*	54 54.86	61.6	37	3.700	+ 28 10 58.3	62.4	5	9.64
3268	Weisse (2) VII, 1521 .	8.5	55 15.89	67.1	2	3.700	+ 28 11 1.3	68.7	2	9.67
3269	B. A. C. 2679 . . .	7.5	55 35.36	60.2	3	3.285	+ 10 19 51.9	54.1	3	9.69
3270	Weisse VII, 1624 . .	8.4	55 37.17	65.4	3	3.315	+ 11 44 12.9	65.7	2	9.69

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			h. m. s.			″	° ′ ″			″
3271	Anonymous . . .	7.7	7 56 17.80	69.2	2	+ 3.502	+ 20 11 20.8	63.1	2	— 9.74
3272	O. Arg. S. 7865 . .	7.5	56 26.90	69.1	2	2.510	— 25 40 38.1	66.2	2	9.76
3273	Rumker 2390 . . .	7.0	56 52.56	59.1	3	3.941	+ 36 40 6.3	55.8	3	9.79
3274	B. A. C. 2689 . . .	6.5	56 57.31	69.2	2	2.203	— 36 39 45.5	65.7	2	9.80
3275	B. A. C. 2677 . . .	6.0*	57 3.94	61.4	5	12.375	+ 82 51 12.2	62.2	2	9.81
3276	O. Arg. N. 8586 . .	8.7	7 57 7.77	69.3	1	+ 5.152	+ 60 43 35.9	55.2	3	— 9.81
3277	O. Arg. S. 7882 . .	8.0	57 12.97	68.6	2	2.548	— 24 12 46.4	66.2	2	9.81
3278	8 Cancri	6.0	57 16.46	68.1	2	3.352	+ 13 30 48.8	69.2	2	9.82
3279	28 Lyncis	6.5*	57 27.33	60.1	2	4.184	+ 43 39 29.2	53.2	7	9.83
3280	Anonymous . . .	7.8	57 51.66	69.1	1	2.513	— 25 37 53.3	66.2	2	9.86
3281	μ^1 Cancri	6.0	7 58 0.44	61.2	2	+ 3.567	+ 23 1 52.4	66.1	2	— 9.88
3282	Weisse (2) VII, 1597 .	9.0*	58 10.81	69.2	1	3.423	+ 16 46 53.0	56.7	2	9.89
3283	B. A. C. 2703 . . .	7.0*	58 18.19	70.6	2	3.562	+ 22 51 21.5	67.2	2	9.90
3284	Weisse (2) VII, 1601 .	9.1	58 35.14	71.2	2	3.975	+ 37 51 30.9	65.2	2	9.93
3285	Lacaille 3127 . . .	6.7	58 39.63	67.6	2	2.523	— 25 18 15.1	64.8	3	9.93
3286	Anonymous . . .	8.5	7 58 43.06	69.6	2	+ 2.964	— 5 17 31.1	66.5	2	— 9.93
3287	55 Camelopardi . . .	5.5	58 49.54	65.0	2	6.079	+ 68 52 50.1	64.0	7	9.94
3288	O. Arg. S. 7938 . .	7.5	59 1.00	71.1	2	2.413	— 29 34 15.5	67.2	2	9.95
3289	O. Arg. S. 7951. . .	8.7	59 22.11	64.2	1	2.414	— 29 33 2.9	67.2	2	9.98
3290	μ^2 Cancri	4.8	59 31.26	63.5	2	3.540	+ 21 59 3.7	66.2	2	9.99
3291	Weisse (2) VII, 1752 .	8.5	7 59 50.64	68.7	2	+ 5.140	+ 60 41 16.8	55.2	2	— 10.01
3292	O. Arg. N. 8632 . .	7.6	59 52.79	71.1	1	3.377	+ 14 45 45.6	68.2	2	10.02
3293	Weisse (2) VII, 1659 .	9.0	8 0 9.70	59.1	3	3.422	+ 16 49 1.4	56.9	3	10.04
3294	Weisse (2) VII, 1763 .	6.5	0 11.94	67.2	2	3.377	+ 14 45 13.6	68.2	2	10.04
3295	Weisse (2) VII, 1669 .	9.0	0 28.51	59.2	2	3.422	+ 16 51 14.7	63.2	2	10.06
3296	Lalande 15868 . . .	7.5	8 0 46.81	69.1	2	+ 4.114	+ 42 2 42.0	63.1	2	— 10.08
3297	12 Cancri	6.0*	0 52.84	61.3	5	3.361	+ 14 2 43.9	65.1	2	10.09
3298	Lalande 15882 . . .	7.0	1 4.37	68.6	2	3.907	+ 35 52 17.2	49.2	1	10.11
3299	ρ Argus	3.0*	1 35.01	54.6	77	2.561	— 23 54 11.8	50.9	47	10.15
3300	ψ^2 Cancri	6.0*	2 0.98	71.2	2	3.632	+ 25 55 40.3	71.2	4	10.18
3301	Weisse (2) VIII, 19 .	7.0	8 2 18.16	62.2	2	+ 2.850	— 10 55 58.2	62.3	2	— 10.20
3302	B. A. C. 2732 . . .	5.5*	2 39.41	60.2	1	4.834	+ 56 52 2.4	54.2	3	10.23
3303	O. Arg. S. 8072. . .	8.3	2 42.34	67.6	2	2.560	— 23 58 51.7	66.7	2	10.23
3304	Weisse (2) VIII, 22 .	7.6	2 58.46	69.2	2	3.418	+ 16 46 7.3	62.7	2	10.25
3305	O. Arg. S. 8108 . .	7.2	3 28.80	64.7	2	2.412	— 29 54 52.8	67.3	2	10 29
3306	Lacaille 3168 . . .	6.2	8 3 29.67	69.1	2	+ 2.199	— 37 16 28.3	66.2	2	— 10.29
3307	O. Arg. N. 8698 . .	8.6	3 36.29	66.7	2	5.335	+ 63 7 1.9	70.2	2	10.30
3308	ζ Cancri, (1st *) . . .	6.8	4 10.78	62.3	13	3.446	+ 18 4 0.5	66.3	2	10.34
3309	ζ Cancri, (2d *) . . .	7.5	4 11.07	63.7	8	3.446	+ 18 3 56.5	66.2	3	10.34
3310	Carrington 1186 . .	9.0	4 26.78	68.7	2	10.272	+ 80 58 4.6	63.9	2	10.36

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3311	Carrington 1187 . .	8.8	8 4 30.47	69.2	1	+10.246	+ 80 56 8.4	63.9	2	— 10.37
3312	O. Arg. S. 8165. . .	8.0	4 45.42	67.2	2	2.416	— 29 49 24.4	68.2	2	10.39
3313	O. Arg. S. 8169. . .	7.0	5 5.14	67.2	2	2.419	— 29 44 4.5	68.2	2	10.41
3314	Weisse (2) VIII, 83 .	8.1	5 13.74	65.2	2	3.504	+ 20 42 0.2	65.2	2	10.42
3315	Lalande 16069 . . .	9.0	5 25.60	62.2	2	2.909	— 8 7 12.0	66.2	2	10.44
3316	Weisse (2) VIII, 87 .	9.0*	8 5 29.	. .	.	+ 3.668	+ 27 32 51.2	69.3	2	— 10.44
3317	O. Arg. S. 8199 . .	7.0	6 15.80	63.1	2	2.421	— 29 47 46.6	66.2	2	10.50
3318	Anonymous . . .	8.0	6 19.36	65.1	2	2.452	— 28 35 11.7	68.1	2	10 50
3319	Lacaille 3201 . . .	6.0	6 55.	. .	.	2.070	— 41 22 16.6	66.2	2	10.55
3320	Weisse (2) VIII, 119 .	8.2	6 59.61	62.2	2	3.799	+ 32 36 2.5	62.2	2	10.55
3321	57 Camelopardi . . .	6.0*	8 7 3.90	66.0	2	+ 5.297	+ 62 56 5.7	67.8	2	— 10.56
3322	Lacaille 3192 . . .	6.0	7 6.11	69.1	2	2.429	— 29 29 38.1	63.2	1	10.56
3323	Weisse VIII, 162 . .	8.5	7 15.56	62.3	2	2.879	— 9 36 39.4	67.2	2	10.57
3324	O. Arg. S. 8225. . .	7.0	7 16.73	67.1	2	2.569	— 23 52 21.4	68.7	2	10.57
3325	Lalande 16130 . . .	7.5	7 54.60	59.1	2	3.465	+ 19 7 8.1	55.2	2	10.62
3326	Lacaille 3209 . . .	6.9	8 8 4.42	64.0	3	+ 2.382	— 31 19 10.5	66.1	2	— 10.63
3327	Lalande 16162 . . .	9.0	8 16.04	62.2	2	2.943	— 6 29 20.4	62.3	2	10.65
3328	Anonymous . . .	8.0	8 41.96	66.7	2	2.496	— 26 59 39.2	67.2	2	10.68
3329	Anonymous . . .	9.0	8 45.71	65.1	1	3.492	+ 20 21	. .	.	10.68
3330	β Cancri	4.0*	8 55.28	60.2	6	3.264	+ 9 36 52.0	68.8	2	10.70
3331	30 Lyncis	7.0	8 9 6.25	59.7	2	+ 4.894	+ 58 10 31.9	68.7	2	— 10.71
3332	O. Arg. S. 8280. . .	7.0	9 23.50	64.7	2	2.408	— 30 25 55.8	66.9	3	10.73
3333	Anonymous . . .	9.0	9 29.	. .	.	3.751	+ 31 1 1.6	71.2	1	10.74
3334	Anonymous . . .	9.3	9 29.	. .	.	3.752	+ 31 3 38.5	71.2	1	10.74
3335	O. Arg. S. 8291 . .	8.5	10 6.26	66.8	2	2.551	— 24 48 25.5	64.9	3	10.78
3336	Anonymous . . .	8.5	8 10 7.26	67.1	2	+ 2.417	— 30 9 7.1	69.2	2	— 10.78
3337	Anonymous . . .	8.5	10 11.09	69.2	1	2.417	— 30 10 25.3	69.2	2	10.79
3338	O. Arg. S. 8295. . .	5.8	10 15.75	69.1	3	2.408	— 30 29 54.6	66.7	4	10.79
3339	Lacaille 3229 . . .	7.0	10 19.01	63.7	4	2.428	— 29 45 23.5	70.1	2	10.80
3340	Lalande 16237 . . .	7.0	10 48.63	68.2	2	3.587	+ 24 36 28.1	56.3	2	10.83
3341	Weisse (2) VIII, 221 .	8.6	8 10 52.78	65.3	5	+ 3.490	+ 20 24 33.8	66.7	2	— 10.84
3342	Lacaille 3241 . . .	7.2	11 35.21	65.7	2	2.528	— 25 52 10.3	65.1	2	10.89
3343	O. Arg. S. 8338. . .	7.5	11 45.30	66.7	2	2.550	— 24 56 25.6	68.6	2	10.90
3344	Weisse VIII, 294 . .	7.0*	11 45.60	71.1	2	2.830	— 12 9 48.1	71.2	3	10.90
3345	O. Arg. S. 8343. . .	8.0	11 48.66	66.7	2	2.552	— 24 53 7.0	69.7	2	10.91
3346	O. Arg. S. 8345. . .	8.0	8 11 57.41	66.7	2	+ 2.551	— 24 55 42.0	67.6	2	— 10.92
3347	Lacaille 3248 . . .	6.6	11 58.06	63.7	2	2.359	— 32 26 20.5	67.7	2	10.92
3348	B. A. C. 2788 . . .	6.5	12 10.74	59.4	7	3.506	+ 21 11 10.7	57.3	9	10.94
3349	λ Cancri	6.0*	12 12.39	59.3	7	3.582	+ 24 27 35.3	62.7	2	10.94
3350	B. A. C. 2790 . . .	6.0	12 16.70	66.1	2	2.436	— 29 34 15.2	66.9	3	10.94

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3351	Lacaille 3249 . . .	7.7	8 12 26.14	62.2	1	+ 2.528	− 25 54 29.3	65.2	2	− 10.96
3352	Lacaille 3257 . . .	5.2	12 56.71	64.2	2	2.288	− 35 1 1.1	66.7	2	10.99
3353	Lacaille 3258 . . .	6.4	13 0.40	69.1	2	2.231	− 36 56 24.8	65.2	2	11.00
3354	31 Lyncis	5.5	13 14.34	64.7	2	4.137	+ 43 38 0.6	68.7	2	11.02
3355	Anonymous . . .	7.8	13 19.62	63.0	2	2.435	− 29 42 4.9	66.7	2	11.02
3356	Anonymous . . .	9.0	8 13 29.	. .	.	+ 2.435	− 29 43 7.4	66.1	1	− 11.03
3357	Anonymous . . .	8.5	13 38.35	69.2	2	3.580	+ 24 27 55.2	56.3	2	11.04
3358	O. Arg. S. 8383. . .	7.5	13 43.52	68.7	2	2.552	− 24 59 10.5	65.2	2	11.05
3359	Anonymous . . .	7.5	13 50.97	64.8	3	2.513	− 26 38 36.8	68.2	2	11.06
3360	Anonymous . . .	7.2	14 0.22	63.0	2	2.435	− 29 44 48.1	66.7	2	11.07
3361	Lacaille 3262 . . .	6.5	8 14 5.31	69.2	2	+ 2.316	− 34 9 8.4	67.5	3	− 11.07
3362	Weisse (2) VIII, 309 .	7.0*	14 5.92	59.1	2	3.375	+ 15 12 36.4	55.2	3	11.07
3363	B. A. C. 2787 . . .	7.2	14 6.73	61.7	12	17.350	+ 85 32 10.4	68.8	2	11.08
3364	Lacaille 3267 . . .	6.8	14 27.25	64.0	3	2.412	− 30 39 31.7	67.5	3	11.10
3365	Anonymous . . .	9.2	14 27.42	65.1	1	2.415	− 30 31 34.9	70.2	2	11.10
3366	Lacaille 3272 . . .	6.2	8 14 32.52	69.2	2	+ 2.234	− 36 58 44.7	65.2	2	− 11.11
3367	Lalande 16367 . . .	8.0	14 33.40	70.2	1	3.652	+ 27 32 16.4	69.3	1	11.11
3368	Lacaille 3266 . . .	7.2	14 35.30	68.7	2	2.452	− 29 6 4.6	65.2	3	11.11
3369	Weisse (2) VIII, 319 .	9.0	14 47.88	65.7	2	3.499	+ 21 0 48.8	59.5	3	11.13
3370	B. A. C. 2798 . . .	6.0*	15 13.32	60.1	3	4.088	+ 42 27 6.3	53.2	3	11.16
3371	d^1 Cancri	5.7	8 15 20.66	64.1	2	+ 3.450	+ 18 46 41.6	61.2	3	− 11.17
3372	Weisse VIII, 381 . .	8.9	15 25.90	63.7	3	3.321	+ 12 37 55.5	65.3	1	11.17
3373	O. Arg. N. 8922 . .	8.7	15 36.39	62.2	4	4.779	+ 56 58 32.8	62.7	2	11.19
3374	Weisse VIII, 389 . .	9.0	15 39.23	64.1	3	3.309	+ 12 3 53.8	67.6	2	11.19
3375	w Puppis	5.1	15 52.30	63.3	3	2.363	− 32 36 42.7	68.2	3	11.21
3376	Lalande 16413 . . .	6.5	8 16 6.68	69.7	2	+ 3.861	+ 35 27 42.0	47.2	1	− 11.22
3377	21 Cancri	7.0*	16 15.65	59.2	5	3.289	+ 11 4 49.5	54.8	4	11.23
3378	Lacaille 3279 . . .	7.1	16 19.45	64.2	2	2.479	− 28 10 44.4	68.2	2	11.24
3379	Weisse VIII, 415 . .	8.7	16 32.38	66.2	2	3.347	+ 13 57 16.7	70.1	2	11.26
3380	Weisse (2) VIII, 364 .	7.1	16 36.95	68.2	2	3.574	+ 24 23 35.1	56.3	2	11.26
3381	Weisse (2) VIII, 370 .	9.0*	8 16 45.65	66.7	2	+ 3.466	+ 19 37 11.9	56.2	2	− 11.27
3382	Anonymous . . .	6.6	16 49.55	64.5	3	2.453	− 29 14 45.9	69.7	2	11.27
3383	B. A. C. 2811 . . .	6.5	16 54.94	68.7	2	2.535	− 25 54 6.7	67.2	2	11.28
3384	Lalande 16464 . . .	7.6	17 4.13	69.2	2	3.564	+ 24 0 1.8	62.2	2	11.29
3385	Lacaille 3290 . . .	7.0	17 9.06	64.3	3	2.404	− 31 9 38.8	66.6	2	11.30
3386	Rumker 2505 . . .	8.5	8 17 14.02	60.6	2	+ 4.777	+ 57 3 37.4	68.2	2	− 11.30
3387	Weisse (2) VIII, 381 .	9.0	17 28.19	71.1	1	4.011	+ 40 24 2.5	69.3	2	11.32
3388	Weisse (2) VIII, 382 .	7.5	17 28.53	67.5	3	4.009	+ 40 20 45.5	62.4	4	11.32
3389	Lacaille 3293 . . .	6.5	17 42.74	67.1	2	2.501	− 27 22 19.2	70.2	3	11.34
3390	O. Arg. S. 8484. . .	7.0	17 50.93	67.1	2	2.426	− 30 21 8.5	70.2	2	11.35

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3391	Rumker 2508 . . .	7.0	8 17 52.76	66.7	2	+ 4.778	+ 57 7 27.5	68.2	2	— 11.35
3392	a^2 Cancri	5.5	17 54.05	65.2	2	3.422	+ 17 36 15.3	70.2	2	11.35
3393	Lacaille 3299 . . .	6.7	18 0.67	63.2	2	2.437	— 29 56 36.5	68.7	2	11.36
3394	φ^2 Cancri, (1st *) . . .	7.0	18 18.75	65.2	5	3.642	+ 27 23 19.7	69.2	3	11.38
3395	φ^2 Cancri, (2d *) . . .	7.0	18 18.97	65.2	5	3.642	+ 27 23 23.4	69.2	3	11.38
3396	Santini 583	6.0	8 18 19.24	65.1	2	+ 3.121	+ 2 33 21.1	62.2	2	— 11.38
3397	n^1 Cancri, (1st *) . . .	7.0	18 19.86	60.3	6	3.585	+ 24 59 29.0	56.7	4	11.38
3398	n^1 Cancri, (2d *) . . .	7.5	18 20.14	60.7	4	3.585	+ 24 59 32.8	68.2	2	11.38
3399	Lacaille 3302 . . .	7.4	18 26.74	63.2	2	2.372	— 32 26 48.7	68.6	2	11.39
3400	Weisse (2) VIII, 408 .	8.5	18 28.38	61.2	2	4.005	+ 40 17 52.3	56.2	2	11.39
3401	o Ursæ Majoris . . .	5.0	8 18 36.00	69.2	2	+ 5.072	+ 61 10 54.0	64.8	1	— 11.41
3402	Anonymous . . .	9.5	18 43.98	67.1	2	2.502	— 27 22 59.2	69.7	2	11.41
3403	B. A. C. 2827 . . .	6.0	19 1.16	62.2	4	2.592	— 23 35 38.7	70.2	2	11.43
3404	Weisse (2) VIII, 429 .	8.5	19 1.16	64.8	3	3.466	+ 19 42 38.5	56.7	2	11.43
3405	Anonymous		19 3.	. .	.	2.607	— 22 57 1.3	62.0	1	11.43
3406	Weisse (2) VIII, 440 .	8.5	8 19 10.86	62.9	2	+ 3.466	+ 19 45 18.5	65.2	2	— 11.44
3407	Anonymous . . .	9.5	19 12.59	62.2	1	4.007	+ 40 25 32.9	68.2	1	11.45
3408	Weisse (2) VIII, 438 .	8.5	19 27.04	62.2	2	4.006	+ 40 23 43.2	56.1	2	11.46
3409	Lacaille 3312 . . .	6.8	19 34.75	67.5	4	2.400	— 31 29 13.0	69.2	2	11.47
3410	Weisse (2) VIII, 458 .	7.7	20 10.34	66.6	2	3.582	+ 25 0 5.4	68.2	2	11.52
3411	Anonymous	6.9	8 20 24.05	64.6	5	+ 2.522	— 26 41 9.8	68.2	2	— 11.53
3412	Lacaille 3316 . . .	6.8	20 25.53	67.5	3	2.396	— 31 42 54.9	64.9	6	11.53
3413	29 Cancri	6.0*	20 48.39	62.0	10	3.358	+ 14 40 16.4	58.9	5	11.56
3414	B. A. C. 2838 . . .	5.8	20 57.98	69.2	2	2.099	— 41 41 49.5	66.2	2	11.57
3415	Anonymous . . .	7.1	21 13.39	67.2	2	2.402	— 31 34 10.5	68.2	2	11.59
3416	Rumker 2533 . . .	8.5	8 21 21.01	60.2	3	+ 3.488	+ 20 53 28.5	55.2	2	— 11.60
3417	Lacaille 3321 . . .	6.0	21 28.46	68.3	2	2.398	— 31 43 29.6	64.2	4	11.61
3418	Weisse (2) VIII, 490 .	9.0	21 34.96	65.3	4	3.398	+ 16 40 19.2	67.2	2	11.62
3419	B. A. C. 2843 . . .	6.3	21 38.84	64.3	5	2.412	— 31 12 47.8	66.5	3	11.62
3420	Weisse VIII, 554 . .	8.8	21 41.21	66.2	2	3.304	+ 12 2 39.0	67.3	2	11.62
3421	B. A. C. 2846 . . .	6.3	8 21 57.18	62.1	2	+ 2.549	— 25 40 18.5	68.7	2	— 11.64
3422	Santini 588	8.0	21 57.93	62.0	2	3.075	+ 0 9 46.2	62.2	2	11.64
3423	Lacaille 3331 . . .	6.6	22 1.00	63.8	2	2.404	— 31 32 0.2	68.3	2	11.65
3424	B. A. C. 2844 . . .	6.0*	22 1.71	53.4	4	4.547	+ 53 35 6.6	48.2	5	11.65
3425	Anonymous . . .	8.5	22 8.50	69.1	2	2.322	— 34 34 3.0	70.1	1	11.66
3426	Weisse VIII, 569 . .	8.8	8 22 10.80	66.2	2	+ 3.304	+ 12 3 48.2	68.2	2	— 11.66
3427	O. Arg. N. 9050 . .	8.0	22 17.24	59.2	2	4.674	+ 55 49 32.5	55.8	2	11.67
3428	O. Arg. S. 8581. . .	7.4	22 20.49	64.2	2	2.516	— 27 6 11.7	68.2	1	11.67
3429	Anonymous . . .	9.0	22 42.88	64.7	2	2.489	— 28 14 39.0	69.7	2	11.70
3430	Anonymous . . .	8.9	23 7.94	65.1	1	2.449	— 29 51 5.0	70.2	1	11.73

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			h. m. s.			"	° ′ ″			"
3431	ν^3 Cancri	6.0	8 23 13.53	65.9	3	+ 3.567	+ 24 32 59.8	70.2	2	— 11.73
3432	Anonymous . . .	7.0	23 16.20	64.7	2	2.490	— 28 13 31.2	68.2	2	11.74
3433	Lacaille 3341 . . .	6.8	23 22.13	64.7	2	2.491	— 28 12 7.3	68.2	2	11.74
3434	Anonymous . . .	6.0	23 34.25	65.1	3	2.522	— 26 52 2.0	68.8	2	11.76
3435	O. Arg. S. 8610. . .	7.5	23 34.84	69.1	1	2.450	— 29 54 7.0	71.2	1	11.76
3436	θ Cancri	5.5*	8 23 36.57	60.4	3	+ 3.436	+ 18 33 52.2	61.0	4	— 11.76
3437	Anonymous . . .	7.3	23 37.93	65.1	1	3.463	+ 19 51	. .	.	11.76
3438	Weisse VIII, 601 . .	8.3	23 47.	. .	.	3.326	+ 13 13 9.9	70.1	1	11.78
3439	B. A. C. 2855 . . .	6.0*	23 48.22	59.7	2	3.933	+ 38 29 36.5	51.5	7	11.78
3440	O. Arg. S. 8620. . .	7.5	24 8.62	66.7	2	2.451	— 29 51 33.5	69.8	2	11.80
3441	Weisse (2) VIII, 560 .	9.0	8 24 17.34	62.2	2	+ 3.446	+ 19 4 28.6	56.9	3	— 11.81
3442	Weisse VIII, 618 . .	9.0	24 26.59	59.1	2	3.327	+ 13 16 22.0	60.0	6	11.82
3443	η Cancri	5.3	24 36.49	61.9	76	3.485	+ 20 54 49.9	59.8	3	11.83
3444	Lacaille 3356 . . .	5.6	24 51.76	66.6	2	2.406	— 31 41 27.2	62.5	3	11.85
3445	Lacaille 3361 . . .	6.8	25 8.21	63.5	3	2.433	— 30 39 56.2	66.1	2	11.87
3446	Weisse (2) VIII, 579 .	9.0*	8 25 20.35	46.1	1	+ 3.728	+ 31 21 19.9	46.2	2	— 11.88
3447	Anonymous . . .	7.8	25 23.81	66.7	2	2.418	— 31 16 32.5	69.2	2	11.89
3448	O. Arg. S. 8654. . .	7.3	25 28.94	68.2	2	2.565	— 25 12 41.7	64.9	3	11.89
3449	Anonymous . . .	9.0	25 35.42	67.6	2	2.685	— 19 45 52.5	68.7	2	11.90
3450	O. Arg. S. 8660 . .	8.2	25 40.86	68.2	2	2.567	— 25 8 16.3	65.2	2	11.91
3451	Anonymous . . .	7.5	8 26 24.06	66.7	2	+ 2.425	— 31 5	. .	.	— 11.96
3452	Anonymous. . . .	9.0	26 27.13	65.1	1	2.686	— 19 48 31.9	69.7	2	11.96
3453	Anonymous . . .	8.0	26 52.59	66.6	2	2.408	— 31 45 40.1	69.2	2	12.00
3454	1 Præsepe, (Eq.) . . .	10.0	27 0.05	69.7	6	3.462	+ 19 59 51.2	69.7	6	12.00
3455	35 Cancri	6.5*	27 16.20	65.1	1	3.463	+ 20 4 6.2	65.5	3	12.02
3456	Anonymous . . .	7.6	8 27 17.09	64.5	3	+ 2.602	— 23 42 28.3	68.2	1	— 12.02
3457	3 Præsepe, (Eq.) . . .	10.7	27 18.56	69.6	6	3.467	+ 20 16 8.6	69.6	6	12.02
3458	B. A. C. 2883 . . .	6.3	27 23.14	66.5	8	2.428	— 31 3 11.6	70.0	4	12.03
3459	Weisse (2) VIII, 629 .	7.0	27 25.04	68.3	1	3.702	+ 30 29 50.9	46.2	3	12.03
3460	B. A. C. 2885 . . .	6.0	27 30.14	71.2	2	2.346	— 34 9 35.7	71.3	1	12.03
3461	5 Præsepe, (Eq.) . . .	9.0	8 27 37.75	69.2	6	+ 3.478	+ 20 48 35.2	69.2	6	— 12.04
3462	B. A. C. 2886 . . .	8.0	27 41.51	65.3	4	3.466	+ 20 15 3.4	67.2	2	12.05
3463	7 Præsepe, (Eq.) . . .	10.0	27 51.36	67.6	6	3.460	+ 19 57 9.9	67.6	6	12.06
3464	Anonymous . . .	9.0	27 53.74	63.2	1	3.264	+ 10 10 4.8	70.2	2	12.06
3465	Anonymous. . . .	. .	27 58.	. .	.	3.546	+ 23 56 30.4	56.3	2	12.07
3466	8 Præsepe, (Eq.) . . .	10.2	8 27 59.74	68.2	6	+ 3.474	+ 20 39 45.4	68.2	6	— 12.07
3467	Lacaille 3388 . . .	7.0	28 0.07	63.1	2	2.583	— 24 37 20.5	68.7	2	12.07
3468	9 Præsepe, (Eq.) . . .	8.5	28 12.18	66.2	7	3.478	+ 20 49 21.6	66.2	7	12.08
3469	Anonymous . . .	9.0	28 15.	. .	.	3.630	+ 27 37 26.5	70.1	1	12.09
3470	10 Præsepe, (Eq.) . . .	9.7	28 15.52	66.9	9	3.474	+ 20 38 17.3	66.9	9	12.09

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			h. m. s.			″	° ′ ″			″
3471	11 Præsepe, (Eq.) . . .	10.5	8 28 17.87	68.2	5	+ 3.457	+ 19 51 31.4	68.2	5	— 12.09
3472	Weisse VIII, 721 . .	9.0	28 18.16	62.2	2	3.268	+ 10 23 22.0	69.7	2	12.09
3473	B. A. C. 2889, (1st *) .	6.5	28 24.23	63.4	4	3.205	+ 7 6 21.5	65.6	6	12.10
3474	B. A. C. 2889, (2d *) .	7.5	28 24.52	63.4	4	3.205	+ 7 6 31.5	52.2	4	12.10
3475	Anonymous . . .	. .	28 30.	. .	.	3.559	+ 24 32 41.9	56.3	1	12.10
3476	Anonymous . . .	5.5	8 28 34.69	65.0	1	+ 2.538	— 26 37 12.3	68.2	2	— 12.11
3477	Anonymous . . .	8.0	28 41.	. .	.	3.540	+ 23 43 59.1	62.8	2	12.12
3478	12 Præsepe, (Eq.) . . .	11.0	28 43.14	67.7	8	3.465	+ 20 14 42.2	67.7	8	12.12
3479	Weisse VIII, 736 . .	9.0*	28 46.19	59.2	2	3.305	+ 12 20 15.0	55.5	3	12.12
3480	13 Præsepe, (Eq.) . . .	10.7	28 47.07	68.2	6	3.454	+ 19 44 23.2	68.2	6	12.12
3481	Weisse VIII, 738 . .	8.5	8 28 50.12	64.2	2	+ 3.302	+ 12 11 8.0	69.2	2	— 12.13
3482	B. A. C. 2892 . . .	6.0*	28 54.00	60.0	4	4.495	+ 53 11 53.8	54.1	3	12.13
3483	Lacaille 3399 . . .	6.5	28 55.43	63.2	2	2.404	— 32 6 52.5	68.2	2	12.13
3484	14 Præsepe, (Eq.) . . .	10.7	28 55.50	66.2	4	3.456	+ 19 50 42.5	66.2	4	12.13
3485	15 Præsepe, (Eq.) . . .	8.2	28 59.14	66.3	4	3.461	+ 20 5 16.6	66.0	16	12.14
3486	16 Præsepe, (Eq.) . . .	10.8	8 29 6.86	69.2	6	+ 3.476	+ 20 46 6.2	69.2	6	+ 12.15
3487	17 Præsepe, (Eq.) . . .	10.7	29 8.14	67.7	8	3.465	+ 20 17 13.7	67.7	8	12.15
3488	18 Præsepe, (Eq.) . . .	11.0	29 15.10	69.6	6	3.463	+ 20 10 56.9	69.6	6	12.16
3489	19 Præsepe.	10.0	29 25.25	68.7	2	3.460	+ 20 2 49.7	65.6	2	12.17
3490	Anonymous . . .	7.0	29 25.31	70.1	1	2.585	— 24 37 40.5	67.2	1	12.17
3491	20 Præsepe, (Eq.) . . .	9.5	8 29 26.63	65.3	9	+ 3.451	+ 19 38 47.4	65.3	9	— 12.17
3492	21 Præsepe, (Eq.) . . .	10.7	29 28.82	66.3	6	3.456	+ 19 51 34.3	66.3	6	12.17
3493	22 Præsepe, (Eq.) . . .	9.5	29 29.88	65.5	21	3.469	+ 20 29 53.5	65.5	21	12.17
3494	22 Præsepe	. .	29 29.	. .	.	3.469	+ 20 29 50.0	66.2	2	12.17
3495	σ^1 Cancri	6.4	29 30.24	63.6	12	3.262	+ 10 8 21.4	65.2	4	12.17
3496	B. A. C. 2898 . . .	7.0	8 29 32.59	59.3	2	+ 2.546	— 26 21 47.1	69.8	2	— 12.18
3497	Weisse (2) VIII, 708 .	7.2	29 33.88	66.9	4	3.463	+ 20 13 2.4	66.3	6	12.18
3498	Anonymous . . .	8.0	29 34.	. .	.	2.439	— 30 48 17.3	69.2	1	12.18
3499	24 Præsepe, (Eq.) . . .	11.0	29 36.44	69.6	6	3.464	+ 20 14 23.6	69.6	6	12.18
3500	25 Præsepe, (Eq.) . . .	10.7	29 37.58	69.6	6	3.464	+ 20 14 42.7	69.6	6	12.18
3501	Weisse (2) VIII, 713 .	9.0	8 29 38.19	66.7	7	+ 3.459	+ 20 0 14.0	66.6	3	— 12.18
3502	27 Præsepe, (Eq.) . . .	9.5	29 40.87	65.4	10	3.450	+ 19 37 5.9	65.4	10	12.19
3503	28 Præsepe, (Eq.) . . .	10.5	29 44.32	67.7	5	3.457	+ 19 55 27.2	67.7	5	12.19
3504	B. A. C. 2899 . . .	6.2	29 44.93	69.2	3	3.453	+ 19 45 8.7	65.2	5	12.19
3505	30 Præsepe, (Eq.) . . .	11.0	29 46.30	69.2	6	3.475	+ 20 47 29.1	69.2	6	12.19
3506	31 Præsepe, (Eq) . . .	11.0	8 29 52.73	66.3	6	+ 3.454	+ 19 46 7.5	66.3	6	— 12.20
3507	Anonymous . . .	8.0	29 53.57	71.1	1	2.900	— 9 13 49.3	56.2	1	12.20
3508	32 Præsepe, (Eq.) . . .	11.7	29 54.38	69.6	6	3.459	+ 20 2 7.2	69.6	6	12.21
3509	33 Præsepe, (Eq.) . . .	10.0	30 0.21	65.5	14	3.471	+ 20 36 56.1	65.5	14	12.21
3510	Lalande 16960 . . .	7.6	30 4.48	64.6	2	3.206	+ 7 13	. .	.	12.21

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			h. m. s.			″	° ′ ″			″
3511	34 Præsepe, (Eq.) . . .	11.3	8 30 10.07	69.6	5	+ 3.463	+ 20 15 41.9	69.6	5	— 12.22
3512	35 Præsepe, (Eq.) . . .	10.6	30 11.53	67.0	12	3.459	+ 20 2 16.0	67.0	12	12.22
3513	36 Præsepe, (Eq.) . . .	10.5	30 12.28	67.6	7	3.455	+ 19 51 6.5	67.6	7	12.22
3514	δ Hydræ	4.0*	30 14.64	71.1	2	3.187	+ 6 11 21.3	71.2	1	12.23
3515	37 Præsepe	. .	30 18.30	68.7	2	3.472	+ 20 41 35.7	67.5	3	12.23
3516	Groombridge 1452 . .	8.5	8 30 18.95	61.1	1	+ 9.413	+ 80 30 45.5	69.3	2	— 12.23
3517	38 Præsepe, (Eq.) . . .	10.0	30 20.18	69.2	6	3.470	+ 20 35 35.9	69.2	6	12.23
3518	39 Præsepe, (Eq.) . . .	11.0	30 20.44	69.2	6	3.469	+ 20 32 49.8	69.2	6	12.23
3519	40 Præsepe, (Eq.) . . .	11.0	30 29.04	68.3	5	3.455	+ 19 52 57.6	68.3	5	12.24
3520	41 Præsepe, (Eq.) . . .	10.2	30 29.68	66.9	12	3.456	+ 19 57 8.0	66.9	12	12.24
3521	c^2 Cancri	7.0	8 30 30.06	62.2	3	+ 3.260	+ 10 3 38.0	70.2	2	— 12.24
3522	42 Præsepe, (Eq.) . . .	9.6	30 30.79	65.8	20	3.465	+ 20 20 52.5	65.8	20	12.24
3523	43 Præsepe.	8.5	30 34.25	68.5	3	3.467	+ 20 28 37.4	65.5	4	12.25
3524	44 Præsepe, (Eq.) . . .	10.3	30 34.73	67.7	9	3.460	+ 20 8 6.7	67.7	9	12.25
3525	Lacaille 3419 . . .	7.4	30 35.10	64.0	2	2.439	— 30 51 18.7	68.8	2	12.25
3526	Lacaille 3422 . . .	7.0	8 30 43.91	70.2	2	+ 2.416	— 31 46 45.9	62.2	2	— 12.26
3527	45 Præsepe.	9.7	30 44.66	66.5	5	3.457	+ 19 59 21.9	65.7	2	12.26
3528	46 Præsepe, (Eq.) . . .	10.3	30 46.12	67.9	7	3.469	+ 20 33 20.2	67.9	7	12.26
3529	Weisse VIII, 792 . .	8.0	30 49.10	69.3	1	3.200	+ 6 52 32.7	56.7	2	12.27
3530	47 Præsepe, (Eq.) . . .	9.7	30 53.40	64.9	10	3.450	+ 19 41 11.5	64.9	10	12.27
3531	48 Præsepe, (Eq.) . . .	10.4	8 30 57.06	66.3	12	+ 3.455	+ 19 54 46.4	66.3	12	— 12.27
3532	49 Præsepe.	9.1	30 59.88	65.2	2	3.467	+ 20 29 17.5	66.2	2	12.35
3533	Anonymous . . .	. .	31 0.	. .	.	3.529	+ 23 22 44.3	56.3	1	12.28
3534	Weisse (2) VIII, 756 .	9.6	31 0.01	68.4	4	3.461	+ 20 12 48.5	65.7	2	12.35
3535	Weisse (2) VIII, 762 .	8.7	31 3.35	66.1	5	3.460	+ 20 9 54.5	66.2	4	12.28
3536	B. A. C. 2910 . . .	6.2	8 31 5.62	63.4	3	+ 2.558	— 25 55 48.5	70.2	1	— 12.28
3537	B. A. C. 2907 . . .	8.0*	31 6.63	66.9	4	3.458	+ 20 4 52.5	65.2	2	12.29
3538	54 Præsepe, (Eq.) . . .	9.7	31 7.50	65.1	2	3.460	+ 20 10 1.4	67.7	9	12.29
3539	55 Præsepe, (Eq.) . . .	10.3	31 11.00	68.2	6	3.448	+ 19 36 17.6	68.2	6	12.29
3540	O. Arg. S. 8776. . .	7.7	31 14.96	65.7	2	2.606	— 23 48 50.0	67.3	1	12.30
3541	56 Præsepe	9.9	8 31 15.38	65.1	1	+ 3.468	+ 20 32	. .	.	— 12.30
3542	56 Præsepe, (Eq.) . . .	9.9	31 15.46	66.1	15	3.468	+ 20 32 33.3	66.1	15	12.30
3543	57 Præsepe, (Eq.) . . .	10.0	31 23.03	67.0	7	3.455	+ 19 56 56.8	67.0	7	12.31
3544	58 Præsepe, (Eq.) . . .	10.5	31 26.66	65.9	9	3.468	+ 20 33 32.6	65.9	9	12.31
3545	59 Præsepe, (Eq.) . . .	9.7	31 29.30	70.5	3	3.470	+ 20 39 31.3	66.0	17	12.31
3546	60 Præsepe, (Eq.) . . .	10.5	8 31 30.98	65.9	9	+ 3.452	+ 19 47 6.6	65.9	9	— 12.31
3547	B. A. C. 2912 . . .	7.0*	31 36.93	59.1	3	3.742	+ 32 26 0.5	53.2	4	12.32
3548	61 Præsepe.	8.5	31 39.00	67.9	4	3.468	+ 20 34 35.8	66.7	2	12.32
3549	38 Cancri	7.1	31 39.86	69.3	1	3.462	+ 20 16 7.4	66.7	4	12.32
3550	63 Præsepe.	7.0	31 43.30	70.2	2	3.451	+ 19 45 56.9	66.9	3	12.33

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			h. m. s.			″	° ′ ″			″
3551	64 Præsepe, (Eq.) . . .	10.0	8 31 44.12	67.5	6	+ 3.453	+ 19 51 29.0	67.5	6	− 12.33
3552	B. A. C. 2914 . . .	7.0*	31 48.47	68.0	5	3.456	+ 20 1 52.2	65.5	4	12.33
3553	66 Præsepe, (Eq.) . . .	10.5	31 50.84	65.6	9	3.452	+ 19 48 12.1	65.6	9	12.34
3554	67 Præsepe, (Eq.) . . .	10.2	31 51.42	66.5	12	3.467	+ 20 33 21.5	66.5	12	12.34
3555	g Mali	4.8	31 53.44	63.1	2	2.563	− 25 46 2.1	69.2	2	12.34
3556	Weisse (2) VIII, 790 .	8.4	8 31 54.29	68.0	5	+ 3 456	+ 20 2 36.7	67.5	3	− 12.34
3557	69 Præsepe.	9.5	31 54.47	71.2	5	3.469	+ 20 38 54.7	68.1	2	12.34
3558	70 Præsepe, (Eq.) . . .	10.0	31 55.58	69.2	2	3.466	+ 20 31 21.7	66.5	12	12.34
3559	Weisse (2) VIII, 793 .	8.5	31 55.58	67.7	4	3.456	+ 20 1 56.2	67.1	3	12.34
3560	72 Præsepe, (Eq.) . . .	9.8	31 56.35	66.3	9	3.459	+ 20 9 33.5	66.3	9	12.34
3561	Lacaille 3434 . . .	6.7	8 31 56.46	63.2	2	+ 2.381	− 33 15 26.7	69.8	2	− 12.34
3562	73 Præsepe, (Eq.) . . .	9.8	31 56.93	65.5	6	3.449	+ 19 41 34.2	65.5	6	12.34
3563	74 Præsepe, (Eq.) . . .	10.0	31 57.41	67.5	12	3.469	+ 20 37 36.7	67.5	12	12.35
3564	74 Præsepe	9.0	31 57.47	71.2	1	3.469	+ 20 37	. .	.	12.35
3565	75 Præsepe, (Eq.) . . .	10.1	31 57.78	67.8	9	3.462	+ 20 17 51.1	67.8	9	12.35
3566	76 Præsepe, (Eq.) . . .	11.3	8 32 0.14	69.2	6	+ 3.470	+ 20 41 0.2	69.2	6	− 12.35
3567	77 Præsepe, (Eq.) . . .	10.0	32 2.25	67.5	14	3.460	+ 20 13 12.8	67.5	14	12.35
3568	39 Cancri	6.0*	32 2.94	66.1	8	3.466	+ 20 29 57.7	65.2	2	12.35
3569	79 Præsepe, (Eq.) . . .	10.1	32 4.39	67.0	6	3.454	+ 19 56 43.8	67.0	6	12.35
3570	80 Præsepe, (Eq.) . . .	10.8	32 4.78	65.6	6	3.451	+ 19 47 56.4	65.6	6	12.35
3571	40 Cancri	7.0	8 32 8.07	65.0	5	+ 3.465	+ 20 27 45.6	62.8	3	− 12.36
3572	82 Præsepe, (Eq.) . . .	11.3	32 8.35	67.6	6	3.455	+ 19 57 59.1	67.6	6	12.36
3573	83 Præsepe, (Eq.) . . .	9.8	32 10.00	67.4	15	3.458	+ 20 7 51.2	67.4	15	12.36
3574	Weisse VIII, 828 . .	7.5	32 11.27	59.1	3	3.296	+ 12 2 0.5	55.9	3	12.36
3575	84 Præsepe.	10.2	32 11.94	67.2	3	3.465	+ 20 29 9.9	65.7	2	12.36
3576	85 Præsepe, (Eq.) . . .	10.1	8 32 14.88	67.7	8	+ 3.461	+ 20 16 45.7	67.7	8	− 12.36
3577	86 Præsepe.	8.8	32 15.99	68.5	3	3.456	+ 20 1 27.4	66.2	2	12.37
3578	Lalande 17053 . . .	7.5	32 16.67	65.1	1	3.188	+ 6 15 56.2	70.2	1	12.37
3579	Anonymous . . .	. .	32 18.	. .	.	3.188	+ 6 16 19.2	70.2	1	12.37
3580	87 Præsepe, (Eq.) . . .	7.5	32 18.20	66.1	4	3.459	+ 20 10 42.6	66.6	13	12.37
3581	88 Præsepe.	6.5	8 32 18.57	69.2	3	+ 3.452	+ 19 50 29.0	64.9	3	− 12.37
3582	89 Præsepe, (Eq.) . . .	10.1	32 18.71	66.8	6	3.468	+ 20 35 54.8	66.8	6	12.37
3583	B. A. C. 2919 . . .	6.5	32 19.60	66.1	3	3.458	+ 20 9 41.4	65.9	4	12.37
3584	Anonymous . . .	. .	32 20.	. .	.	3.459	+ 20 11 13.1	66.3	1	12.37
3585	91 Præsepe	. .	32 20.	. .	.	3.462	+ 20 19 39.0	66.2	1	12.37
3586	91 Præsepe, (Eq.) . . .	8.8	8 32 20.55	66.4	21	+ 3.462	+ 20 19 38.1	66.4	21	− 12.37
3587	92 Præsepe, (Eq.) . . .	10.6	32 20.80	67.1	6	3.454	+ 19 57 25.4	67.1	6	12.37
3588	O. Arg. S. 8806 . .	7.7	32 20.80	64.1	1	2.560	− 25 56 39.5	71.2	1	12.37
3589	93 Præsepe	7.8	32 22.88	71.2	6	3.469	+ 20 40 26.8	66.3	1	12.37
3590	94 Præsepe, (Eq.) . . .	10.0	32 23.62	66.1	9	3.454	+ 19 58 5.2	66.1	9	12.37

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			h. m. s.			″	° ′ ″			″
3591	95 Præsepe, (Eq.) . .	10.0	8 32 23.70	65.1	1	+ 3.459	+ 20 10 42.1	66.3	9	— 12.37
3592	ε Cancri	7.0	32 24.90	67.7	4	3.456	+ 20 2 13.0	67.7	2	12.38
3593	97 Præsepe, (Eq.) . .	11.3	32 26.08	68.3	6	3.450	+ 19 46 15.1	68.3	6	12.38
3594	98 Præsepe	. .	32 31.83	69.3	1	3.448	+ 19 41	. .	.	12.38
3595	98 Præsepe, (Eq.) . .	9.5	32 31.88	65.6	6	3.448	+ 19 41 13.3	65.6	6	12.38
3596	Anonymous . . .	. .	8 32 34.21	65.1	1	+ 3.184	+ 6 3 23.9	65.1	1	— 12.39
3597	99 Præsepe, (Eq.) . .	11.0	32 35.20	69.6	6	3.463	+ 20 23 45.9	69.6	6	12.39
3598	Weisse (2) VIII, 810 .	8.2	32 37.42	62.7	2	3.622	+ 27 35 50.9	69.1	1	12.39
3599	100 Præsepe, (Eq.) . .	9.9	32 38.05	65.0	13	3.449	+ 19 43 16.2	65.0	13	12.39
3600	100 Præsepe	. .	32 38.10	69.3	1	3.449	+ 19 43	. .	.	12.39
3601	101 Præsepe, (Eq.) . .	11.0	8 32 40.44	69.6	6	+ 3.456	+ 20 3 31.8	69.6	6	— 12.39
3602	42 Cancri	6.8	32 40.66	65.3	4	3.459	+ 20 12 43.3	66.2	3	12.39
3603	103 Præsepe	. .	32 44.74	69.1	1	3.450	+ 19 48	. .	.	12.40
3604	103 Præsepe, (Eq.) . .	9.7	32 44.76	65.6	12	3.450	+ 19 48 11.1	65.6	12	12.40
3605	104 Præsepe, (Eq.) . .	10.0	32 44.87	67.7	9	3.455	+ 20 2 11.8	67.7	9	12.40
3606	105 Præsepe, (Eq.) . .	8.7	8 32 48.32	66.0	15	+ 3.470	+ 20 45 35.8	66.0	15	— 12.40
3607	Weisse VIII, 851. .	9.0	32 51.71	62.2	3	3.162	+ 4 53 31.4	71.2	1	12.41
3608	106 Præsepe, (Eq.) . .	9.6	32 53.94	69.2	2	3.463	+ 20 25 42.9	65.4	27	12.41
3609	B. A. C. 2925 . . .	6.0	32 54.14	66.7	7	3.456	+ 20 4 24.6	65.9	5	12.41
3610	B. A. C. 2925, (Eq.) .	. .	32 54.19	65.5	30	3.456	+ 20 4 26.2	65.5	30	12.41
3611	Anonymous . . .	. .	8 32 57.	. .	.	+ 2.375	— 33 32 55.1	67.2	1	— 12.41
3612	108 Præsepe, (Eq.) . .	10.6	33 2.54	67.7	9	3.454	+ 20 0 59.1	67.7	9	12.42
3613	109 Præsepe, (Eq.) . .	10.0	33 6.72	66.3	8	3.461	+ 20 20 56.6	66.3	8	12.42
3614	110 Præsepe, (Eq.) . .	9.7	33 7.91	66.5	15	3.461	+ 20 19 25.8	66.5	15	12.43
3615	111 Præsepe, (Eq.) . .	10.0	33 8.15	67.7	8	3.454	+ 20 0 11.4	67.7	8	12.43
3616	Weisse (2) VIII, 829.	9.1	8 33 10.79	67.0	6	+ 3.462	+ 20 24 56.1	66.3	2	— 12.43
3617	Anonymous . . .	6.5	33 14.30	63.9	1	2.376	— 33 32 40.8	67.2	1	12.43
3618	113 Præsepe, (Eq.) . .	7.7	33 17.29	69.8	3	3.449	+ 19 45 19.5	66.9	3	12.44
3619	114 Præsepe, (Eq.) . .	11.3	33 18.64	69.2	6	3.464	+ 20 28 30.9	69.2	6	12.44
3620	114 Præsepe	. .	33 18.83	68.2	1	3.464	+ 20 28	. .	.	12.44
3621	115 Præsepe, (Eq.) . .	10.8	8 33 22.69	69.2	4	+ 3.463	+ 20 26 18.0	69.2	4	— 12.44
3622	116 Præsepe, (Eq.) . .	10.0	33 25.11	68.3	2	3.454	+ 20 2 14.0	66.9	11	12.45
3623	117 Præsepe, (Eq.) . .	11.0	33 26.11	68.2	5	3.451	+ 19 51 59.4	68.2	5	12.45
3624	118 Præsepe, (Eq.) . .	10.5	33 26.28	69.6	6	3.458	+ 20 14 29.9	69.6	6	12.45
3625	119 Præsepe, (Eq.) . .	11.0	33 30.77	69.3	6	3.463	+ 20 27 52.4	69.3	6	12.45
3626	Weisse (2) VIII, 841 .	9.2	8 33 32.67	66.7	5	+ 3.456	+ 20 9 26.2	66.2	3	— 12.45
3627	121 Præsepe, (Eq.) . .	9.3	33 35.42	65.2	4	3.446	+ 19 38 17.8	65.2	4	12.46
3628	122 Præsepe, (Eq.) . .	10.7	33 39.92	69.2	5	3.468	+ 20 43 21.6	69.2	5	12.46
3629	123 Præsepe, (Eq.) . .	9.0	33 40.19	68.1	4	3.456	+ 20 9 20.9	66.1	9	12.46
3630	124 Præsepe, (Eq.) . .	10.2	33 44.47	65.2	13	3.448	+ 19 45 47.4	65.2	13	12.47

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3631	125 Præsepe, (Eq.) . .	10.8	8 33 46.23	68.3	5	+ 3.451	+ 19 54 31.3	68.3	5	— 12.47
3632	B. A. C. 2931 . . .	6.5	33 47.32	66.9	6	3.461	+ 20 22 11.4	65.5	3	12.47
3633	127 Præsepe	8.8	33 49.62	70.2	6	3.467	+ 20 39 20.0	67.2	2	12.47
3634	Lacaille 3449 . . .	7.0*	33 50.37	69.3	1	2.502	— 28 35 20.5	63.2	1	12.47
3635	Weisse VIII, 885 . .	8.0*	33 51.	. .	.	2.807	— 14 12 14.1	63.7	2	12.47
3636	128 Præsepe, (Eq.) . .	10.5	8 33 52.71	69.6	6	+ 3.456	+ 20 7 50.0	69.6	6	— 12.48
3637	129 Præsepe, (Eq.) . .	10.5	33 53.71	69.6	6	3.457	+ 20 11 7.8	69.6	6	12.48
3638	*f* Mali	4.0	33 53.96	63.3	2	2.490	— 29 3 53.5	69.2	2	12.48
3639	Weisse VIII, 889 . .	9.0*	33 57.	. .	.	2.847	— 12 9 32.4	70.2	1	12.48
3640	130 Præsepe, (Eq.) . .	10.2	34 3.36	67.0	6	3.455	+ 20 5 48.0	67.0	6	12.49
3641	131 Præsepe	7.7	8 34 4.99	69.7	2	+ 3.451	+ 19 54 29.5	65.2	1	— 12.49
3642	131 Præsepe, (Eq.) . .	8.9	34 5.03	65.0	29	3.451	+ 19 54 29.4	65.0	29	12.49
3643	132 Præsepe, (Eq.) . .	10.2	34 13.38	69.1	6	3.456	+ 20 11 4.4	69.1	6	12.50
3644	133 Præsepe, (Eq.) . .	10.9	34 15.24	67.0	6	3.457	+ 20 13 10.8	67.0	6	12.50
3645	Weisse (2) VIII, 856 .	7.0*	34 16.	. .	.	4.053	+ 43 10 53.8	71.2	2	12.50
3646	Lacaille 3459 . . .	7.3	8 34 16.79	67.2	4	+ 2.380	— 33 30 56.8	68.2	4	— 12.50
3647	134 Præsepe, (Eq.) . .	9.6	34 16.99	66.4	17	3.464	+ 20 32 2.6	66.4	17	12.50
3648	Weisse(2)VIII,866,(Eq.)	9.5	34 18.02	66.7	7	3.466	+ 20 40 43.4	66.7	7	12.51
3649	Weisse (2) VIII, 866 .	9.0	34 18.08	67.0	5	3.466	+ 20 40 43.1	68.2	1	12.51
3650	Anonymous . . .	7.3	34 29.65	68.5	3	2.380	— 33 31 35.1	68.2	4	12.52
3651	O. Arg. S. 8852 . .	6.0	8 34 30.37	65.1	1	+ 2.545	— 26 45 46.5	69.6	2	— 12.52
3652	Anonymous . . .	8.5	34 30.40	69.7	2	2.805	— 14 21 42.0	62.8	2	12.52
3653	136 Præsepe, (Eq.) . .	10.5	34 31.07	68.2	5	3.450	+ 19 53 40.2	68.2	5	12.52
3654	*b* Mali	4.0	34 37.46	64.3	1	2.346	— 34 48 48.2	68.8	2	12.53
3655	Anonymous . . .	7.7	34 37.62	64.2	1	2.428	— 31 40 16.3	70.2	1	12.53
3656	137 Præsepe	9.7	8 34 39.18	65.1	2	+ 3.453	+ 20 2 28.8	65.1	2	— 12.53
3657	O. Arg. S. 8856 . .	8.5	34 40.52	64.7	2	2.543	— 26 52 55.7	69.7	2	12.53
3658	B. A. C. 2930 . . .	6.0*	34 42.29	61.2	4	9.340	+ 80 32 41.7	68.3	1	12.53
3659	138 Præsepe, (Eq.) . .	9.6	34 42.63	65.1	2	3.454	+ 20 4 41.4	66.7	20	12.53
3660	139 Præsepe, (Eq.) . .	10.5	34 46.46	67.6	6	3.451	+ 19 57 55.6	67.6	6	12.54
3661	140 Præsepe, (Eq.) . .	11.5	8 34 48.75	68.3	4	+ 3.448	+ 19 50 16.9	68.3	4	— 12.54
3662	141 Præsepe, (Eq.) . .	11.7	35 3.18	68.3	6	3.447	+ 19 47 32.0	68.3	6	12.56
3663	142 Præsepe, (Eq.) . .	9.7	35 4.58	66.9	12	3.450	+ 19 56 14.1	66.9	12	12.56
3664	143 Præsepe, (Eq.) . .	11.0	35 8.66	69.2	4	3.466	+ 20 44 4.6	69.2	4	12.56
3665	44 Cancri	7.0	35 10.50	71.2	2	3.423	+ 18 38 57.9	67.8	2	12.57
3666	Anonymous . . .	9.5	8 35 10.68	71.2	1	+ 3.515	+ 23 1 36.9	56.3	2	— 12.57
3667	γ Cancri	4.6*	35 10.76	60.3	18	3.492	+ 21 58 7.8	63.7	2	12.57
3668	Weisse (2) VIII, 894 .	7.7	35 30.48	62.8	3	3.619	+ 27 43 30.9	69.6	2	12.59
3669	144 Præsepe, (Eq.) . .	. .	35 32.15	65.9	9	3.465	+ 20 41 24.5	65.9	9	12.59
3670	144 Præsepe	9.2	35 32.16	65.1	1	3.465	+ 20 41	. .	.	12.59

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3671	Weisse (2) VIII, 898 .	9.0*	8 35 34.86	69.2	1	+ 3.518	+ 23 12 51.0	56.3	2	— 12.59
3672	145 Præsepe, (Eq.) . .	10.3	35 39.69	66.7	6	3.465	+ 20 40 35.9	66.7	6	12.60
3673	146 Præsepe, (Eq.) . .	11.3	35 45.75	68.3	5	3.449	+ 19 54 28.1	68.3	5	12.61
3674	Weisse (2) VIII, 936 .	9.0	36 7.40	62.2	2	3.333	+ 14 7 30.8	68.7	2	12.63
3675	147 Præsepe, (Eq.) . .	10.7	36 24.54	66.2	6	3.464	+ 20 42 22.8	66.2	6	12.65
3676	148 Præsepe, (Eq.) . .	9.7	8 36 24.74	68.7	6	+ 3.459	+ 20 28 1.2	68.7	6	— 12.65
3677	O. Arg. S. 8887 . .	8.0	36 26.92	67.7	2	2.616	— 23 42 44.5	70.2	1	12.65
3678	149 Præsepe, (Eq.) . .	10.5	36 31.34	68.3	4	3.447	+ 19 53 50.9	68.3	4	12.66
3679	Lacaille 3469 . . .	7.7	36 32.22	63.5	3	2.431	— 31 43 54.3	62.2	2	12.66
3680	Anonymous . . .	9.0	36 34.41	71.1	1	3.334	+ 14 9 58.7	69.2	3	12.66
3681	Lalande 17182 . .	7.5*	8 36 38.65	69.1	1	+ 3.876	+ 37 47 54.1	47.2	2	— 12.67
3682	δ Cancri	4.5	36 43.48	62.1	16	3.422	+ 18 39 57.5	61.6	3	12.67
3683	150 Præsepe, (Eq.) . .	9.5	36 43.60	66.7	4	3.457	+ 20 23 51.9	66.7	4	12.67
3684	σ^1 Cancri	6.0	36 45.55	62.2	3	3.700	+ 31 12 6.2	53.2	8	12.67
3685	151 Præsepe, (Eq.) . .	9.5	36 46.06	67.8	6	3.448	+ 19 56 4.2	67.8	6	12.67
3686	Lacaille 3474 . . .	8.0	8 37 14.10	63.4	4	+ 2.498	— 29 1 23.7	69.2	2	— 12.70
3687	Lacaille 3485 . . .	6.8	37 29.62	66.7	2	2.336	— 35 26 32.7	69.7	2	12.72
3688	Anonymous . . .	7.8	37 57.28	67.4	4	2.412	— 32 39 12.5	68.8	2	12.75
3689	α Mali	5.0	37 58.09	67.4	4	2.410	— 32 41 3.4	68.8	2	12.75
3690	Dorpat 1270, (1st *) .	7.5	38 16.02	68.2	4	3.034	— 2 5 40.3	64.2	1	12.77
3691	Dorpat 1270, (2d *) .	7.5	8 38 16.40	68.2	4	+ 3.034	— 2 5 40.3	64.2	1	— 12.77
3692	Weisse (2) VIII, 969 .	8.2	38 53.18	62.3	2	3.938	+ 40 6 29.0	58.9	4	12.82
3693	Weisse VIII, 999 . .	9.0	39 6.14	59.1	2	3.280	+ 11 27 37.9	55.2	2	12.83
3694	Lacaille 3500 . . .	7.0	39 15.20	67.7	2	2.468	— 30 28 21.7	68.3	2	12.84
3695	Lacaille 3502 . . .	7.0*	39 25.	. .	.	2.437	— 31 44 19.9	62.2	2	12.85
3696	ε Hydræ	3.4*	8 39 21.64	57.7	138	+ 3.197	+ 6 55 47.9	50.4	66	— 12.85
3697	O. Arg. S. 8946 . .	9.0	39 24.43	64.2	1	2.548	— 27 3 46.6	68.6	2	12.85
3698	Weisse VIII, 1012, (1st*)	8.5	39 32.31	67.4	4	3.284	+ 11 40 24.1	55.2	1	12.86
3699	Weisse VIII, 1012, (2d *)	8.5	39 32.44	66.1	5	3.284	+ 11 40 10.3	55.2	2	12.86
3700	Lacaille 3509 . . .	7.2	40 10.20	63.3	4	2.570	— 26 6 12.9	67.2	3	12.90
3701	Lacaille 3511 . . .	9.0	8 40 26.77	68.7	2	+ 2.571	— 26 7	. .	.	— 12.92
3702	O. Arg. S. 8978 . .	7.2	40 44.74	63.2	2	2.500	— 29 14 52.4	68.2	2	12.94
3703	Weisse (2) VIII, 1016.	8.4	40 45.76	68.3	2	3.500	+ 22 42 58.7	56.8	2	12.94
3704	O. Arg. S. 8979 . .	7.0	40 46.12	63.2	2	2.501	— 29 13 3.2	68.2	2	12.94
3705	Weisse VIII, 1050 .	8.5	40 49.30	66.7	2	3.178	+ 5 57 22.6	68.2	2	12.95
3706	Weisse (2) VIII, 1018.	8.4	8 40 50.11	68.3	2	+ 3.500	+ 22 45 33.8	56.3	2	— 12.95
3707	Weisse (2) VIII, 1013.	8.8	40 51.86	66.7	4	3.932	+ 40 6 19.5	58.9	4	12.95
3708	Anonymous . . .	7.5	40 59.05	70.1	1	2.416	— 32 44 11.3	68.8	2	12.96
3709	O. Arg. S. 8993 . .	8.0	41 23.22	66.7	2	2.547	— 27 15 14.7	68.2	3	12.98
3710	O. Arg. N. 9342, (1st *)	. .	42 5.15	71.2	2	6.073	+ 71 19 55.7	71.2	2	13.03

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3711	O. Arg. N. 9342, (2d *).	. .	8 42 6.22	71.2	2	+ 6.074	+ 71 20 23.0	71.2	1	− 13.03
3712	Weisse VIII, 1077. .	8.8	42 11.55	66.7	2	3.178	+ 5 58 8.3	68.3	2	13.04
3713	Lacaille 3531 . . .	6.5	42 12.86	64.1	2	2.415	− 32 53 4.8	66.2	2	13.04
3714	O. Arg. N. 9350 . .	8.5*	42 20.34	71.2	1	5.074	+ 63 6 29.9	61.8	2	13.05
3715	Lacaille 3529 . . .	6.0	42 20.63	63.3	2	2.529	− 28 7 24.5	66.7	2	13.05
3716	Anonymous . . .	7.5	8 42 25.08	69.1	1	+ 3.605	+ 27 41 27.1	62.2	1	− 13.03
3717	35 Lyncis	5.5*	42 32.14	62.1	2	4.060	+ 44 14 39.1	65.8	2	13.06
3718	Lacaille 3546 . . .	7.0	42 40.94	63.8	4	2.477	− 30 24 51.7	65.9	3	13.07
3719	B. A. C. 2991 . . .	7.0*	42 46.70	60.0	2	3.428	+ 19 21 4.5	54.2	3	13.08
3720	54 Cancri	6.5*	43 13.36	59.1	2	3.360	+ 15 52 2.0	56.5	3	13.11
3721	52 Cancri	8.5	8 43 20.35	64.2	5	+ 3.372	+ 16 31 7.5	66.7	2	− 13.11
3722	Anonymous . . .	7.1	43 21.67	64.9	3	2.296	− 37 29 12.5	68.7	2	13.12
3723	Anonymous . . .	7.6	43 46.70	64.5	3	2.541	− 27 44 15.1	68.7	2	13.14
3724	O. Arg. S. 9040 . .	8.5	43 51.63	65.1	1	2.621	− 24 3 40.3	69.3	3	13.15
3725	Anonymous . . .	8.5	44 4.57	63.2	2	2.433	− 32 21 0.7	69.7	2	13.16
3726	B. A. C. 3005 . . .	6.8	8 44 10.17	64.1	1	+ 2.514	− 28 56 36.4	65.1	2	− 13.17
3727	B. A. C. 3006 . . .	4.7	44 10.24	62.2	2	2.435	− 32 15 35.3	67.7	2	13.17
3728	Weisse (2) VIII, 1095 .	9.3	44 12.30	62.2	2	3.598	+ 27 32 18.5	67.8	2	13.17
3729	B. A. C. 3007 . . .	6.2	44 26.93	65.6	3	2.534	− 28 5 49.2	66.5	3	13.19
3730	Weisse (2) VIII, 1098 .	8.5	44 27.66	68.7	2	3.497	+ 22 54 45.4	56.3	2	13.19
3731	Anonymous . . .	8.5	8 44 33.52	70.1	1	+ 2.190	− 41 14 2.2	70.2	1	− 13.20
3732	6 Ursæ Majoris . . .	5.5*	44 34.58	59.2	2	5.245	+ 65 8 7.3	58.2	2	13.20
3733	c Mali	4.5	44 35.39	69.2	2	2.555	− 27 11 33.1	66.9	3	13.20
3734	Lacaille 3552 . . .	7.7	44 36.04	71.1	1	2.493	− 29 53 49.5	67.3	2	13.20
3735	Anonymous . . .	7.5	44 38.	. .	.	2.156	− 42 18 39.9	69.2	2	13.20
3736	Anonymous . . .	8.0	8 44 40.46	69.7	2	+ 2.190	− 41 13 24.5	67.3	2	− 13.20
3737	Anonymous . . .	9.0	44 40.53	62.2	2	3.319	+ 13 47 28.2	69.2	1	13.20
3738	Weisse VIII, 1146 . .	8.5*	44 41.63	62.2	3	3.318	+ 13 45 36.4	66.2	4	13.20
3739	Anonymous . . .	7.8	44 53.21	67.2	2	2.357	− 35 24 36.1	70.2	1	13.22
3740	Anonymous . . .	. .	45 11.	. .	.	2.193	− 41 11 50.5	70.2	1	13.24
3741	B. A. C. 3015 . . .	6.0	8 45 18.18	69.2	1	+ 3.396	+ 17 53 41.5	69.8	2	− 13.24
3742	Lacaille 3564 . . .	7.3	45 28.98	64.1	2	2.398	− 33 53 51.0	68.6	2	13.26
3743	Anonymous . . .	9.3	45 32.89	71.2	1	2.497	− 29 50 3.1	69.3	2	13.28
3744	Lacaille 3567 . . .	7.3	46 0.24	64.2	1	2.559	− 27 7 1.8	62.7	2	13.29
3745	Anonymous . . .	7.7	46 3.21	64.3	1	2.195	− 41 14	. .	.	13.29
3746	Weisse (2) VIII, 1145 .	7.2	8 46 25.92	68.3	2	+ 3.483	+ 22 20 58.9	56.3	2	− 13.32
3747	Lacaille 3574 . . .	7.2	46 42.	. .	.	2.449	− 31 58 28.8	69.3	1	13.34
3748	Anonymous. . . .	7.2	47 6.37	63.2	1	2.448	− 32 2 28.0	69.6	2	13.36
3749	Anonymous. . . .	7.0	47 6.49	69.2	1	2.446	− 32 6 35.1	70.1	1	13.36
3750	ρ^3 Cancri	6.0*	47 16.07	59.0	3	3.612	+ 28 27 33.6	71.3	1	13.37

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession. 1860.
			h. m. s.			"	° ′ ″			"
3751	Anonymous . . .	8.5	8 47 22.70	68.2	3	+ 2.481	− 30 41 53.5	67.2	1	− 13.38
3752	Weisse VIII, 1222. .	7.7	47 37.33	68.7	2	3.153	+ 4 40 40.4	65.3	1	13.40
3753	B. A. C. 3031 . . .	6.5	47 53.58	66.5	3	3.333	+ 14 42 48.9	68.8	2	13.41
3754	Weisse (2) VIII. 1181 .	8.2	47 53.92	68.3	2	3.478	+ 22 13 28.6	56.3	1	13.41
3755	60 Cancri	5.5	48 16.72	63.3	2	3.286	+ 12 9 29.7	69.7	2	13.44
3756	59 Cancri	5.5*	8 48 17.76	69.2	2	+ 3.728	+ 33 26 45.7	53.2	9	− 13.44
3757	O. Arg. S. 9127. . .	7.7	48 18.50	64.2	2	2.482	− 30 42 53.1	67.2	1	13.44
3758	Anonymous . . .	9.2	48 20.67	64.2	2	2.833	− 13 31 44.3	69.3	1	13.44
3759	Lacaille 3582 . . .	7.0	48 25.54	64.0	5	2.461	− 31 37 36.8	65.7	2	13.45
3760	17 Hydræ, (1st *) . . .	7.5	48 37.88	64.8	6	2.943	− 7 26 18.3	64.9	3	13.46
3761	17 Hydræ, (2d *) . . .	7.5	8 48 37.91	64.8	6	+ 2.943	− 7 26 11.9	64.9	3	− 13.46
3762	Lalande 17605 . . .	6.4	48 49.20	68.3	2	3.868	+ 38 47 50.3	54.5	3	13.47
3763	Anonymous . . .	8.5	48 50.01	63.2	1	2.382	− 34 52 54.4	70.1	1	13.47
3764	B. A. C. 3041 . .	7.0	48 51.81	61.8	5	3.394	+ 18 0 58.4	57.7	4	13.47
3765	Σ Cat. Gen. 1063 . . .	8.7	49 5.34	62.2	2	4.460	+ 54 30 36.5	67.2	1	13.49
3766	Lalande 17647 . . .	8.0	8 49 6.56	59.1	2	+ 2.834	− 13 30 27.5	54.8	5	− 13.49
3767	Anonymous . . .	7.8	49 12.56	66.2	2	2.380	− 34 58 25.9	70.2	1	13.50
3768	Anonymous . . .	7.6	49 23.74	63.9	1	2.433	− 32 53 48.2	71.2	1	13.51
3769	d Mali	4.5	49 31.36	63.3	2	2.566	− 27 8 43.0	64.9	2	13.52
3770	Anonymous . . .	9.0	49 32.92	65.1	1	2.466	− 31 32 23.6	71.1	1	13.52
3771	Lalande 17662 . . .	8.5	8 49 35.16	65.1	6	+ 2.837	− 13 22 15.6	60.0	6	− 13.52
3772	Weisse VIII, 1274 . .	8.9	49 35.93	64.1	1	2.944	− 7 25 6.4	71.3	1	13.52
3773	ι Ursæ Majoris . . .	3.5*	49 36.29	60.1	15	4.192	+ 48 35 20.3	50.8	52	13.52
3774	O. Arg. N. 9460 . .	8.5	49 41.27	64.5	4	4.446	+ 54 19 7.1	58.2	4	13.52
3775	Lacaille 3595 . . .	7.0	49 44.25	65.3	4	2.434	− 32 52 9.9	66.2	1	13.52
3776	o^2 Cancri	5.5	8 49 45.85	66.5	2	+ 3.357	+ 16 6 57.8	63.6	3	− 13.53
3777	Anonymous . . .	8.2	49 47.14	64.3	2	2.503	− 29 59 25.5	66.2	3	13.54
3778	O. Arg. S. 9154 . .	7.9	49 47.22	64.2	2	2.487	− 30 39 22.4	67.2	1	13.54
3779	O. Arg. S. 9155. . .	7.9	49 47.67	64.2	2	2.485	− 30 45 22.4	67.2	1	13.54
3780	Weisse VIII, 1282. .	9.0*	49 52. . .	.		2.837	− 13 23 48.3	56.6	3	13.54
3781	ρ Ursæ Majoris . . .	5.0	8 49 52.30	69.3	1	+ 5.534	+ 68 10 15.9	70.6	3	− 13.54
3782	Anonymous . . .	6.8	49 55.24	64.7	2	2.307	− 37 47 45.0	70.7	2	13.54
3783	Anonymous . . .	8.8	50 14.77	69.1	2	2.842	− 13 9 42.0	62.8	2	13.56
3784	Lacaille 3601 . . .	7.6	50 34.16	63.3	2	2.531	− 28 48 35.7	66.2	2	13.59
3785	Weisse (2) VIII, 1245 .	8.0*	50 34.32	69.2	2	3.521	+ 24 30 17.1	46.2	4	13.59
3786	α Cancri	4.0*	8 50 49.64	63.0	20	+ 3.288	+ 12 23 49.6	65.1	2	− 13.60
3787	Anonymous . . .	9.0	50 50.87	62.2	1	3.495	+ 23 17 3.9	67.3	1	13.60
3788	Weisse (2) VIII, 1252 .	6.8	50 53.18	68.7	2	3.463	+ 21 42 24.8	56.3	1	13.60
3789	Weisse (2) VIII, 1255 .	8.7	50 55.13	68.1	6	3.495	+ 23 16 40.7	68.3	3	13.61
3790	O. Arg. N. 9484 . .	9.0	50 57.51	69.3	1	4.386	+ 53 13 19.2	71.3	1	13.61

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			h. m. s.			"	° ′ ″			"
3791	O. Arg. S. 9178. . .	8.0	8 50 58.68	64.7	2	+ 2.501	− 30 10 6.2	67.3	2	− 13.61
3792	Weisse (2) VIII, 1258.	8.0	51 0.83	69.6	7	3.496	+ 23 20 16.7	68.8	2	13.61
3793	Lacaille 3607 . . .	7.8	51 32.91	63.5	3	2.569	− 27 10 38.7	64.8	2	13.65
3794	Weisse (2) VIII, 1291.	8.0	52 41.18	68.3	2	3.466	+ 22 0 36.6	62.8	2	13.72
3795	O. Arg. S. 9210 . .	8.0	52 56.64	70.2	1	2.494	− 30 42 13.4	67.2	1	13.74
3796	Lacaille 3617 . . .	7.1	8 52 59.96	64.2	8	+ 2.477	− 31 25 28.4	66.2	2	− 13.74
3797	Weisse VIII, 1367. .	9.0	53 14.70	59.2	3	3.227	+ 9 5 37.5	56.2	3	13.76
3798	B. A. C. 3070 . . .	5.6	53 19.20	63.3	2	2.549	− 28 15 52.0	67.2	2	13.76
3799	Anonymous . . .	9.0	53 39.97	63.2	1	2.398	− 34 46 0.8	68.7	2	13.78
3800	Lacaille 3621 . . .	6.5	53 43.03	64.2	7	2.572	− 27 16 15.2	66.2	1	13.79
3801	68 Cancri	6.8	8 53 51.91	64.0	4	+ 3.380	+ 17 37 39.0	61.7	4	− 13.80
3802	κ Ursæ Majoris . . .	4.0*	54 3.12	59.2	2	4.138	+ 47 42 24.9	58.3	2	13.81
3803	B. A. C. 3076 . . .	6.5	54 7.66	65.8	3	3.177	+ 6 11 15.2	67.9	3	13.81
3804	Weisse (2) VIII, 1322.	8.0	54 14.73	68.7	2	3.454	+ 21 32 18.1	56.3	2	13.82
3805	B. A. C. 3078 . . .	6.5	54 25.57	66.6	3	3.177	+ 6 11 59.2	67.9	3	13.83
3806	Weisse (2) VIII, 1324.	7.0	8 54 33.44	68.2	1	+ 3.839	+ 38 23 47.8	62.2	3	− 13.84
3807	O. Arg. S. 9243. . .	7.0	54 42.41	64.1	2	2.649	− 23 36 30.0	68.7	2	13.85
3808	Anonymous . . .	6.7	55 4.84	64.2	2	2.581	− 26 58 9.3	69.2	2	13.87
3809	B. A. C. 3082 . . .	6.0*	55 7.13	62.2	10	2.599	− 26 6 54.5	66.2	2	13.88
3810	Weisse (2) VIII, 1352.	7.0	55 17.91	62.2	2	3.485	+ 23 9 40.5	70.2	2	13.89
3811	Weisse (2) VIII, 1347.	8.4	8 55 31.60	62.4	4	+ 3.990	+ 43 36 23.4	66.3	2	− 13.90
3812	Anonymous . . .	8.6	55 32.60	67.2	2	2.512	− 30 9 36.4	70.2	3	13.90
3813	O. Arg. S. 9258. . .	7.8	55 35.80	66.7	2	2.625	− 24 53 9.0	59.6	2	13.91
3814	Lacaille 3643 . . .	7.1	55 47.18	62.8	3	2.602	− 26 1 32.5	69.2	2	13.92
3815	Anonymous . . .	8.0	56 4.35	66.7	2	2.576	− 27 15 48.9	68.3	2	13.94
3816	Anonymous . . .	8.5	8 56 24.	. .	.	+ 4.384	+ 53 48 6.8	71.3	2	− 13.96
3817	Anonymous . . .	7.0	56 26.28	67.2	2	2.396	− 35 8 22.9	69.3	2	13.96
3818	Weisse VIII, 1439. .	6.8	56 31.06	68.3	2	2.842	− 13 27 9.3	56.3	3	13.96
3819	B. A. C. 3091 . . .	7.0*	56 36.34	60.0	5	4.222	+ 50 9 57.7	54.3	3	13.97
3820	O. Arg. S. 9276. . .	7.1	56 43.36	64.3	3	2.508	− 30 28 1.9	65.8	2	13.98
3821	B. A. C. 3096 . . .	6.9	8 57 1.01	64.1	3	+ 2.626	− 24 57 8.4	65.2	2	− 14.00
3822	Lacaille 3656 . . .	6.5	57 4.93	63.4	3	2.476	− 31 53 22.2	66.2	2	14.00
3823	Weisse VIII, 1476. .	8.3	58 0.59	59.5	3	2.857	− 12 42 3.2	69.2	2	14.06
3824	σ^2 Ursæ Majoris . . .	4.3	58 1.16	62.9	9	5.397	+ 67 41 54.8	64.5	4	14.06
3825	O. Arg. S. 9310. . .	7.8	58 30.81	65.0	4	2.597	− 26 32 2.5	67.2	2	14.09
3826	B. A. C. 3104 . . .	7.5*	8 58 35.21	64.3	2	+ 3.342	+ 15 49 55.1	69.7	2	− 14.09
3827	Anonymous . . .	7.5	58 42.05	68.3	1	2.480	− 31 53 38.1	66.2	2	14.10
3828	Weisse (2) VIII, 1438.	7.0	58 43.77	68.2	2	3.438	+ 21 4 30.4	56.3	2	14.10
3829	O. Arg. S. 9321. . .	8.3	58 52.78	65.0	4	2.656	− 23 37 59.9	67.7	2	14.11
3830	B. A. C. 3107 . . .	7.0*	58 59.35	59.3	1	3.340	+ 15 44	. .	.	14.12

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			h. m. s.			"	° ′ ″			"
3831	Weisse (2) VIII, 1446 .	8.3	8 59 5.33	68.3	2	+ 3.440	+ 21 9 27.4	56.3	2	— 14.12
3832	Lacaille 3671 . . .	5.9	59 8.63	62.7	2	2.558	— 28 27 41.2	65.7	2	14.13
3833	τ Cancri	6.0*	59 35.17	60.1	2	3.623	+ 30 12 52.0	53.2	11	14.16
3834	Carrington 1325 . .	9.7	59 52.32	71.2	4	9.767	+ 81 57 40.7	69.1	1	14.18
3835	Weisse (2) VIII, 1475 .	8.2	59 55.05	68.3	2	3.444	+ 21 27 29.8	56.3	2	14.18
3836	κ Cancri	5.2	9 0 9.67	63.1	62	+ 3.260	+ 11 13 44.5	67.0	4	— 14.19
3837	O. Arg. S. 9344. . .	7.2	0 18.55	65.0	4	2.660	— 23 35 56.4	67.6	3	14.20
3838	75 Cancri	5.5	0 32.73	62.2	5	3.557	+ 27 12 20.4	62.2	3	14.21
3839	Weisse VIII, 1529. .	7.0	0 34.60	60.2	2	2.858	— 12 44 50.1	53.9	6	14.22
3840	78 Cancri	7.0*	1 11.06	57.8	2	3.378	+ 18 2 4.1	57.2	2	14.25
3841	ξ Cancri	4.5	9 1 18.25	59.4	4	+ 3.464	+ 22 36 34.0	68.2	2	— 14.26
3842	Anonymous . . .	8.8	1 22.80	67.2	2	2.664	— 23 27 56.4	68.7	2	14.27
3843	Anonymous . . .	8.2	1 27.40	66.7	2	2.500	— 31 21 11.8	69.6	3	14.27
3844	Lacaille 3684 . . .	7.0	1 33.18	63.2	2	2.540	— 29 31 20.9	66.2	2	14.28
3845	Anonymous . . .	7.6	1 46.99	67.3	2	2.581	— 27 38 7.7	69.7	2	14.29
3846	B. A. C. 3121 . . .	4.8	9 1 54.33	62.0	4	+ 2.629	— 25 17 46.5	65.8	2	— 14.30
3847	Anonymous . . .	7.5	2 0.48	64.2	2	2.498	— 31 28 30.1	68.7	2	14.31
3848	Weisse (2) IX, 10 . .	8.1	2 10.08	63.2	3	3.549	+ 26 58 31.5	67.3	2	14.31
3849	79 Cancri	6.0*	2 17.93	59.9	3	3.461	+ 22 33 43.7	58.2	3	14.32
3850	Lacaille 3690 . . .	7.5	2 31.60	62.3	3	2.630	— 25 16 28.7	67.8	2	14.34
3851	20 Hydræ	5.5	9 2 44.79	69.2	2	+ 2.937	— 8 13 17.2	68.7	2	— 14.35
3852	Anonymous . . .	7.5	3 3.03	68.8	2	2.568	— 28 23 37.0	67.3	2	14.37
3853	c Ursæ Majoris . . .	5.5	3 14.27	69.3	2	4.825	+ 61 59 47.8	58.3	2	14.38
3854	B. A. C. 3127 . . .	7.0	3 37.08	64.2	2	2.634	— 25 14 10.5	66.3	3	14.40
3855	O. Arg. S. 9418 . .	6.6	3 37.10	64.4	5	2.551	— 29 15 3.3	67.2	2	14.40
3856	e Mali	5.2	9 4 0.50	63.6	4	+ 2.540	— 29 47 45.6	68.9	3	— 14.43
3857	Carrington 1338 . .	8.0	4 13.55	65.2	3	9.561	+ 81 51 46.6	68.7	2	14.44
3858	Lacaille 3704 . . .	7.0	4 20.83	69.5	3	2.625	— 25 43 5.8	66.2	2	14.45
3859	36 Lyncis	5.5	4 37.92	59.4	3	3.960	+ 43 47 31.6	69.7	2	14.46
3860	Lalande 18122, (1st *) .	7.8	4 46.84	71.3	1	4.313	+ 53 16 51.8	71.2	3	14.47
3861	Lalande 18122, (2d *) .	8.0	9 4 48.54	71.3	1	+ 4.313	+ 53 17 3.8	71.2	3	— 14.47
3862	Weisse (2) IX, 79 . .	8.6	4 54.09	68.7	2	3.420	+ 20 35 42.8	63.3	2	14.48
3863	Weisse (2) IX, 81 . .	9.0	4 55.01	68.2	1	3.420	+ 20 37 10.5	70.2	1	14.48
3864	B. A. C. 3138 . . .	6.0*	5 37.15	59.6	6	3.442	+ 21 51 26.5	54.2	3	14.52
3865	Anonymous . . .	7.8	5 49.02	65.2	1	2.671	— 23 31 41.2	69.3	2	14.54
3866	Anonymous . . .	7.1	9 5 49.16	64.2	3	+ 2.583	— 27 44 35.7	67.2	2	— 14.54
3867	e Ursæ Majoris . . .	5.5	6 5.37	68.7	2	4.366	+ 54 35 48.2	52.0	6	14.55
3868	B. A. C. 3143 . . .	5.8	6 13.80	64.3	2	2.336	— 38 41 16.4	66.7	2	14.56
3869	Lacaille 3716 . . .	6.6	6 15.47	64.2	2	2.643	— 25 1 39.8	67.2	2	14.56
3870	Madras 651	6.8	6 18.08	62.2	3	3.512	+ 25 35 22.8	62.2	2	14.57

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			h. m. s.			″	° ′ ″			″
3871	Lacaille 3718 . . .	6.7	9 6 21.14	64.0	4	+ 2.576	− 28 22 29.8	66.8	2	− 14.57
3872	Lacaille 3725 . . .	7.0	7 1.46	63.7	4	2.533	− 30 29 29.4	67.2	2	14.61
3873	θ Hydræ	4.5	7 4.72	65.7	2	3.118	+ 2 54 9.4	67.3	2	14.61
3874	O. Arg. S. 9481. . .	5.6	7 22.14	63.4	4	2.563	− 29 5 24.9	66.2	2	14.63
3875	π^2 Cancri	6.0*	7 29.90	62.8	3	3.326	+ 15 31 11.3	68.7	2	14.64
3876	O. Arg. S. 9488. . .	7.2	9 7 39.34	64.7	5	+ 2.592	− 27 43 42.5	67.3	2	− 14.65
3877	O. Arg. S. 9489. . .	7.1	7 43.90	64.2	3	2.596	− 27 30 51.5	67.8	2	14.65
3878	Weisse (2) IX, 142. .	7.9	7 56.16	62.6	2	3.538	+ 27 2 46.1	67.3	2	14.66
3879	O. Arg. S. 9496. . .	7.2	8 4.40	64.2	3	2.597	− 27 32 24.5	67.8	2	14.67
3880	Weisse IX, 153. . .	9.0	8 17.96	71.3	1	3.164	+ 5 42 26.4	69.2	2	14.68
3881	Lacaille 3733 . . .	6.5	9 8 30.40	63.2	2	+ 2.504	− 31 58 39.5	67.8	2	− 14.70
3882	Weisse (2) IX, 160 . .	8.5	8 37.27	59.7	3	3.500	+ 25 13 8.9	55.2	3	14.70
3883	Anonymous . . .	9.5	8 41.62	69.3	1	3.407	+ 20 13 36.9	62.8	2	14.71
3884	Anonymous . . .	9.0	9 4.	. .	.	2.428	− 35 20 50.4	70.2	1	14.73
3885	Lacaille 3739 . . .	7.3	9 6.14	63.7	4	2.553	− 29 47 28.3	65.2	2	14.73
3886	Lacaille 3741 . . .	7.0	9 9 6.38	67.2	2	+ 2.428	− 35 22 59.5	69.7	2	− 14.73
3887	B. A. C. 3156 . . .	5.2	9 11.11	69.2	2	2.237	− 42 38 57.4	66.3	2	14.74
3888	Weisse (2) IX, 172. .	8.5	9 14.26	60.2	3	3.480	+ 24 14 14.7	55.3	3	14.74
3889	Weisse (2) IX, 176. .	7.2	9 34.18	62.2	4	3.577	+ 29 9 48.8	62.2	2	14.76
3890	Lacaille 3750 . . .	6.6	9 45.50	63.9	4	2.491	− 32 44 32.9	65.5	4	14.77
3891	Lalande 18288 . . .	5.8	9 9 47.30	68.8	2	+ 3.728	+ 35 56 58.3	47.2	2	− 14.77
3892	Anonymous . . .	8.5	9 49.42	69.8	5	2.610	− 27 37 22.9	67.8	4	14.78
3893	O. Arg. S. 9522. . .	7.4	9 51.62	64.3	3	2.619	− 26 36 52.6	68.7	2	14.78
3894	Anonymous . . .	7.5	9 51.82	65.2	1	2.598	− 27 41	. .	.	14.78
3895	Lacaille 3751 . . .	7.0	10 5.45	66.9	3	2.586	− 28 18 20.5	68.3	2	14.79
3896	38 Lyncis	5.0	9 10 7.14	68.7	2	+ 3.762	+ 37 23 33.7	46.7	6	− 14.79
3897	Weisse (2) IX, 198. .	8.6	10 20.67	67.2	2	3.370	+ 18 18 55.5	68.7	2	14.81
3898	O. Arg. S. 9539. . .	8.2	10 44.76	69.3	2	2.566	− 29 22 3.8	67.8	2	14.83
3899	Weisse (2) IX, 207. .	8.3	10 48.92	68.8	2	3.400	+ 20 0 26.8	56.3	2	14.83
3900	83 Cancri	6.0	11 9.75	61.3	47	3.369	+ 18 17 47.1	61.5	7	14.85
3901	B. A. C. 3174 . . .	5.1	9 11 27.89	64.5	3	+ 2.350	− 38 48 59.4	67.7	2	− 14.87
3902	Anonymous . . .	8.4	11 43.58	64.5	3	2.585	− 28 33 1.1	69.9	3	14.89
3903	Anonymous . . .	7.0	12 4.40	64.3	2	2.443	− 35 6 17.5	68.7	2	14.91
3904	Lalande 18362 . . .	6.0	12 12.23	69.2	2	3.790	+ 38 46 43.2	59.7	2	14.92
3905	α Lyncis	5.0	12 30.84	68.8	2	3.696	+ 34 58 55.9	71.2	1	14.93
3906	Dorpat 1343, (1st *) .	9.0	9 12 36.88	65.2	4	+ 3.161	+ 5 42 55.4	47.2	1	− 14.94
3907	Dorpat 1343, (2d *) .	9.0	12 37.51	65.2	4	3.161	+ 5 43 23.4	72.3	2	14.94
3908	Anonymous . . .	7.0	12 55.65	63.7	2	2.482	− 33 30 29.3	69.6	3	14.96
3909	B. A. C. 3182 . . .	6.5	12 58.06	69.3	1	4.138	+ 50 8 14.3	48.1	3	14.96
3910	Lacaille 3780 . . .	6.3	13 0.68	66.8	2	2.365	− 38 27 25.1	70.3	2	14.96

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
3911	26 Hydræ	5.5	9 13 1.95	58.3	2	+ 2.893	− 11 23 9.7	70.3	2	− 14.96
3912	Anonymous . . .	8.0	13 22.77	69.8	3	2.356	− 38 50 43.2	67.7	2	14.98
3913	Anonymous . . .	. .	13 28.95	68.8	2	3.396	+ 20 1 57.5	56.3	2	14.99
3914	27 Hydræ	5.5	13 38.92	61.6	3	2.932	− 8 57 49.7	70.2	2	15.00
3915	O. Arg. S. 9600. . .	8.3	13 53.54	64.4	4	2.620	− 27 0 11.5	69.3	2	15.01
3916	B. A. C. 3190 . . .	6.0	9 13 59.63	63.5	3	+ 2.485	− 33 30 45.1	69.6	3	− 15.02
3917	Anonymous . . .	7.0	14 22.89	68.8	2	2.591	− 28 32 2.5	66.8	2	15.04
3918	Anonymous . . .	6.8	14 23.10	64.0	5	2.589	− 28 39	. .	.	15.04
3919	O. Arg. S. 9615. . .	7.2	14 39.13	63.5	3	2.590	− 28 37 38.7	66.7	2	15.06
3920	Lacaille 3788 . . .	7.5	14 43.63	63.1	2	2.599	− 28 12 43.5	66.2	2	15.06
3921	O. Arg. N. 9842 . .	7.2	9 15 9.73	59.6	3	+ 4.155	+ 50 52 33.1	56.2	2	− 15.09
3922	O. Arg. N. 9844 . .	8.8	15 12.24	60.2	2	4.151	+ 50 46 16.8	56.2	2	15.09
3923	*h* Mali	5.1	15 17.70	67.2	2	2.655	− 25 22 18.6	68.3	2	15.10
3924	B. A. C. 3194 . . .	7.5*	15 25.42	60.8	2	3.497	+ 25 46 43.8	60.6	5	15.10
3925	Anonymous . . .	6.8	15 25.82	64.3	1	2.463	− 34 40 50.6	64.2	1	15.10
3926	Anonymous. . . .	6.8	9 15 25.82	64.3	1	+ 2.463	− 34 45 52.3	69.3	1	− 15.10
3927	Lacaille 3796 . . .	7.6	15 27.42	66.7	2	2.560	− 30 12 46.6	65.8	2	15.10
3928	B. A. C. 3201 . . .	6.5*	15 58.44	59.1	2	3.510	+ 26 31 1.9	53.2	7	15.13
3929	B. A. C. 3202 . . .	7.5	16 2.37	69.3	1	3.200	+ 8 18 42.9	70.8	4	15.14
3930	Weisse IX, 337. . .	8.5	16 18.44	69.7	2	2.839	− 14 53 50.9	69.3	1	15.16
3931	Lacaille 3802 . . .	7.0	9 16 47.40	66.6	3	+ 2.569	− 29 55 40.6	65.8	2	− 15.18
3932	1 Draconis	5.0	16 48.18	63.5	11	9.241	+ 81 56 21.6	63.7	18	15.18
3933	Anonymous . . .	7.0	16 48.48	60.3	1	2.370	− 38 47 3.9	70.2	2	15.18
3934	B. A. C. 3206 . . .	6.8	16 52.27	60.6	7	3.397	+ 20 23 25.6	62.2	2	15.19
3935	Anonymous . . .	8.4	16 55.54	70.8	3	2.600	− 28 23 40.8	70.9	1	15.19
3936	Anonymous . . .	7.7	9 16 57.03	64.8	2	+ 2.372	− 38 43 11.6	69.2	2	− 15.19
3937	Anonymous . . .	7.0	17 3.	. .	.	4.463	− 34 55 20.8	70.2	1	15.20
3938	Anonymous . . .	6.7	17 5.25	64.8	4	2.465	− 34 49 24.4	68.2	1	15.20
3939	B. A. C. 3207 . . .	4.5	17 8.74	63.5	3	2.604	− 28 14 15.6	66.2	2	15.20
3940	O. Arg. S. 9661. . .	8.3	17 13.28	64.5	3	2.571	− 29 53 24.5	67.2	2	15.21
3941	Anonymous. . . .	8.1	9 17 15.40	66.8	3	+ 2.599	− 28 30 38.6	68.3	2	− 15.21
3942	Anonymous. . . .	8.2	17 26.04	66.8	3	2.600	− 28 28 39.2	67.9	3	15.22
3943	Lacaille 3807 . . .	6.7	17 46.98	63.2	2	2.516	− 32 36 8.1	66.3	2	15.24
3944	Lacaille 3810 . . .	6.5	18 3.12	66.8	2	2.472	− 34 38 54.6	67.8	2	15.25
3945	Weisse (2) IX, 377. .	9.0	18 7.46	59.2	2	3.447	+ 23 14 48.6	55.6	3	15.26
3946	Weisse (2) IX, 383. .	9.5	9 18 19.32	59.2	2	+ 3.446	+ 23 14 47.2	55.8	2	− 15.27
3947	Anonymous . . .	8.1	18 28.02	64.2	2	2.602	− 28 27 57.5	67.3	2	15.28
3948	Lacaille 3815 . . .	7.0*	18 42.92	71.2	1	2.376	− 38 49 28.9	69.2	2	15.29
3949	O. Arg. S. 9692. . .	8.5	19 13.65	66.8	2	2.607	− 28 22 35.8	67.3	3	15.32
3950	41 Lyncis	5.5*	19 28.42	60.2	2	3.971	+ 46 12 45.9	53.2	3	15.33

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
3951	Schjellerup 3476 . .	8.9	9 19 31.98	67.2	2	+ 2.951	− 7 59 42.5	68.7	2	− 15.34
3952	Lalande 18604 . . .	7.4	20 16.36	65.1	2	3.292	+ 14 21 23.3	69.3	2	15.38
3953	h Ursæ Majoris . . .	5.0	20 27.11	68.3	2	4.805	+ 63 40 14.1	58.2	3	15.39
3954	Anonymous . . .	7.6	20 32.30	64.4	5	2.621	− 27 46 10.4	68.8	2	15.39
3955	α Hydræ	2.0*	20 42.47	56.6	148	2.951	− 8 3 13.8	47.4	44	15.40
3956	Lacaille 3834 . . .	6.5	9 20 43.67	66.2	2	+ 2.510	− 33 17 29.5	68.8	2	− 15.40
3957	ω Leonis	6.0*	20 57.44	63.8	4	3.218	+ 9 39 53.1	66.3	2	15.42
3958	Anonymous. . . .	7.5	21 20.37	66.8	2	2.622	− 27 47 19.9	68.8	2	15.44
3959	Lacaille 3838 . . .	6.5	21 21.98	66.2	2	2.514	− 33 11 1.6	69.2	3	15.44
3960	B. A. C. 3235 . . .	6.2	21 49.62	67.6	3	2.489	− 34 23 58.7	70.7	2	15.46
3961	d Ursæ Majoris . . .	4.0	9 22 2.01	62.5	7	+ 5.466	+ 70 26 31.7	61.1	4	− 15.48
3962	Lacaille 3843 . . .	7.2	22 23.57	63.3	2	2.679	− 24 49 26.2	66.2	2	15.50
3963	Lacaille 3848 . . .	6.8	22 25.17	67.6	3	2.493	− 34 17 43.9	69.2	2	15.50
3964	Weisse (2) IX, 478. .	9.0	23 3.89	59.9	3	3.412	− 21 54 13.2	55.9	3	15.53
3965	Weisse IX, 488 . .	9.0*	23 4.37	65.3	2	2.890	− 12 7 23.8	60.9	5	15.53
3966	Anonymous . . .	7.0	9 23 12.	. .	.	+ 2.529	− 32 41 58.6	69.8	2	− 15.54
3967	Weisse (2) IX, 471. .	7.0	23 13.58	60.2	2	3.898	+ 44 21 24.1	68.3	2	15.54
3968	Weisse (2) IX, 486. .	9.5*	23 26.73	61.3	2	3.466	+ 25 1 41.4	60.3	5	15.56
3969	ε Antliæ	4.1	23 28.16	64.5	4	2.474	− 35 20 26.6	70.3	2	15.56
3970	B. A. C. 3243 . . .	6.3	23 28.47	63.3	2	2.661	− 25 58 54.7	68.7	2	15.56
3971	θ Ursæ Majoris . . .	3.0*	9 23 28.83	54.4	17	+ 4.164	+ 52 18 50.4	52.3	15	− 15.56
3972	Lacaille 3857 . . .	7.4	23 30.49	63.3	2	2.680	− 24 54 59.7	68.2	2	15.56
3973	Weisse IX, 498 . .	9.5	23 32.55	65.3	2	2.891	− 12 7 4.8	66.2	2	15.56
3974	B. A. C. 3248 . . .	6.0	23 41.83	63.3	2	2.661	− 25 58 41.8	68.8	2	15.57
3975	λ Leonis	5.0	23 43.53	64.1	2	3.440	+ 23 34 59.9	69.7	2	15.57
3976	Lacaille 3874 . . .	7.6	9 23 48.63	67.2	2	+ 2.529	− 32 47 28.3	68.8	2	− 15.58
3977	Lacaille 3864 . . .	7.1	23 49.54	64.4	4	2.631	− 27 37 49.5	67.8	2	15.58
3978	Anonymous. . . .	8.2	24 5.70	64.7	2	2.634	− 27 34 30.9	67.8	2	15.59
3979	O. Arg. S. 9789. . .	6.0	24 6.17	69.2	1	2.596	− 29 31 54.9	66.3	2	15.59
3980	O. Arg. N. 9989 . .	6.5	24 21.07	66.0	2	5.412	+ 70 15 28.6	70.2	2	15.61
3981	ξ Leonis	5.0*	9 24 23.80	58.8	13	+ 3.249	+ 11 55 3.8	55.2	3	− 15.61
3982	h Leonis	6.0*	24 27.09	62.6	7	3.225	+ 10 19 52.3	48.2	5	15.61
3983	ζ^1 Antliæ, (1st *) . . .	7.0	24 46.25	70.2	3	2.563	− 31 16 36.7	71.3	2	15.63
3984	ζ^1 Antliæ, (2d *) . . .	6.5	24 46.55	69.7	2	2.563	− 31 16 28.7	71.3	2	15.63
3985	9 Leonis Minoris. . .	6.0*	24 53.99	59.6	2	3.705	+ 37 6 18.6	52.8	11	15.64
3986	Anonymous . . .	8.5	9 24 56.82	67.3	2	+ 2.462	− 36 3 50.4	69.2	1	− 15.64
3987	B. A. C. 3255 . . .	6.5*	25 6.	. .	.	3.535	+ 28 59 10.3	71.3	2	15.65
3988	ψ Argus	3.5	25 11.09	69.3	1	2.374	− 39 51 20.1	66.2	2	15.65
3989	26 Ursæ Majoris . . .	6.0	25 12.56	68.8	2	4.168	+ 52 40 16.2	63.7	2	15.65
3990	Anonymous . . .	7.3	25 22.47	64.3	1	2.480	− 35 18 41.5	70.2	3	15.66

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			h. m. s.			″	° ′ ″			″
3991	10 Leonis Minoris . .	5.8	9 25 38.05	69.3	2	+ 3.701	+ 37 1 0.1	50.6	7	— 15.67
3992	Lacaille 3889 . . .	6.0	25 42.67	64.4	5	2.486	— 35 5 33.8	66.3	2	15.68
3993	Anonymous . . .	6.8	25 45.32	64.9	3	2.463	— 36 8	. .	.	15.68
3994	O. Arg. S. 9824 . .	8.5*	25 50.34	70.9	3	2.636	— 27 36 10.4	67.8	2	15.69
3995	Anonymous. . . .	7.3	25 58.46	68.8	2	2.621	— 28 25 51.7	67.2	2	15.70
3996	Weisse IX, 563 . .	9.0	9 26 6.05	59.6	3	+ 3.260	+ 12 42 23.1	56.2	2	— 15.70
3997	Lacaille 3892 . . .	6.8	26 10.74	63.1	2	2.630	— 28 0 43.9	66.3	2	15.71
3998	Weisse IX, 579 . .	9.0	26 48.49	59.6	3	3.250	+ 12 9 3.4	56.2	3	15.74
3999	Lacaille 3903 . . .	6.2	27 29.37	64.8	5	2.415	— 38 30 40.4	66.2	2	15.78
4000	33 Hydræ	6.0*	27 33.48	59.7	4	2.996	— 5 17 29.2	66.2	2	15.78
4001	Lacaille 3905 . . .	6.5	9 27 38.47	64.5	4	+ 2.427	— 38 1 13.6	69.2	1	— 15.80
4002	O. Arg. S. 9855 . .	8.5*	27 58.52	63.5	3	2.571	— 31 19 29.4	68.2	2	15.80
4003	O. Arg. S. 9856 . .	6.8	28 0.63	63.2	1	2.569	— 31 24 12.7	68.2	2	15.81
4004	O. Arg. S. 9888 . .	8.5	29 11.44	67.2	2	2.768	— 20 22 48.5	68.8	2	15.87
4005	Anonymous . . .	9.0	29 22.	. .	.	2.496	— 35 11 34.4	70.1	1	15.88
4006	Lacaille 3918 . . .	6.5	9 29 22.64	61.2	3	+ 2.496	— 35 12 3.9	68.9	3	— 15.88
4007	10 Leonis	5.1	29 49.03	64.1	12	3.179	+ 7 27 43.7	67.3	2	15.90
4008	Lacaille 3920 . . .	7.9	29 50.82	62.3	2	2.659	— 26 53 53.2	70.8	2	15.90
4009	O. Arg. S. 9903 . .	7.5	29 51.86	64.4	5	2.771	— 20 15 42.5	68.3	2	15.90
4010	Weisse (2) IX, 639 .	8.5	30 14.34	67.2	2	3.328	+ 17 27 42.3	68.3	2	15.91
4011	Lacaille 3923 . . .	6.5	9 30 15.36	63.4	3	+ 2.709	— 24 4 45.7	67.2	3	— 15.92
4012	Anonymous . . .	8.0	30 22.85	67.2	2	2.495	— 35 24 34.9	69.6	3	15.93
4013	O. Arg. S. 9914. . .	9.2	30 31.04	67.2	2	2.713	— 23 52 32.1	70.6	3	15.94
4014	Lacaille 3928 . . .	5.7	30 42.60	63.3	2	2.700	— 24 40 17.5	68.8	2	15.95
4015	Weisse (2) IX, 650 .	9.0*	30 45.40	59.2	2	3.396	+ 21 46 53.8	63.6	4	15.95
4016	Anonymous . . .	8.0	9 30 53.51	65.2	1	+ 3.642	+ 35 4	. .	.	— 15.96
4017	Anonymous . . .	8.3	31 6.14	68.3	1	3.218	+ 10 15 19.2	55.2	2	15.97
4018	B. A. C. 3296 . . .	5.5	31 8.46	63.2	2	2.575	— 31 33 5.1	66.3	2	15.97
4019	2 Sextantis	5.5*	31 9.01	59.2	3	3.147	+ 5 16 45.9	58.3	3	15.97
4020	12 Leonis	6.5*	31 9.43	60.2	3	3.466	+ 25 59 44.5	61.3	2	15.97
4021	O. Arg. S. 9931. . .	7.0	9 31 12.60	64.3	2	+ 2.599	— 30 20 33.5	64.2	2	— 15.98
4022	Anonymous . . .	8.0	31 16.08	68.3	2	3.254	+ 12 40 52.7	56.2	2	15.98
4023	Weisse (2) IX, 660. .	9.0	31 17.70	59.2	3	3.384	+ 21 5 29.5	56.2	2	15.98
4024	Weisse (2) IX, 662. .	8.3	31 19.59	62.6	3	3.396	+ 21 49 40.2	55.7	2	15.98
4025	O. Arg. S. 9938. . .	9.0	31 30.22	69.3	1	2.716	— 23 48 26.8	70.3	1	15.99
4026	Lacaille 3946 . . .	5.8	9 31 36.41	65.2	2	+ 2.497	— 35 28 5.1	70.3	2	— 16.00
4027	Anonymous . . .	8.3	31 39.64	64.3	1	3.449	+ 25 4	. .	.	16.00
4028	Lacaille 3945 . . .	7.2	31 41.41	64.0	4	2.606	— 30 3 4.3	65.9	3	16.00
4029	Anonymous . . .	8.4	32 3.10	64.2	2	2.774	— 20 17 53.5	70.2	2	16.02
4030	Anonymous . . .	7.0	32 8.88	67.5	3	2.480	— 36 17 57.6	71.5	3	16.02

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			h. m. s.			"	° ′ ″			"
4031	O. Arg. S. 9956. . .	9.0	9 32 22.09	67.3	2	+ 2.718	− 23 47 15.1	69.3	1	− 16.04
4032	Weisse (2) IX, 686. .	7.3	32 41.48	61.6	5	3.735	+ 39 35 17.8	61.1	5	16.05
4033	B. A. C. 3306 . . .	6.5	33 1.07	69.2	2	2.425	− 38 58 53.0	65.8	2	16.07
4034	Anonymous. . . .	6.0	33 25.77	60.3	1	2.447	− 38 5	. .	.	16.09
4035	Anonymous . . .	7.2	33 25.83	67.2	2	2.428	− 38 53 53.9	69.3	1	16.09
4036	*o* Leonis	4.0	9 33 40.54	59.9	32	+ 3.220	+ 10 31 37.7	61.9	4	− 16.10
4037	Anonymous . . .	9.0	33 56.16	65.1	1	2.505	− 35 27 34.2	70.2	1	16.12
4038	Lacaille 3967 . . .	7.3	34 11.46	62.8	5	2.608	− 30 17 20.5	65.8	2	16.13
4039	B. A. C. 3314 . . .	7.5	34 31.22	60.2	2	3.544	+ 30 44 49.9	54.2	3	16.15
4040	Lalande 19022 . . .	8.8	34 34.31	71.2	2	3.820	+ 43 21 28.7	71.3	2	16.15
4041	Anonymous . . .	8.0	9 34 46.98	64.2	2	+ 2.511	− 35 17 29.1	70.3	3	− 16.16
4042	Anonymous . . .	6.0	35 19.21	64.3	3	2.511	− 35 23 47.1	69.1	5	16.19
4043	Lacaille 3975 . . .	6.2	35 25.23	64.9	3	2.563	− 32 45 38.7	66.8	2	16.20
4044	B. A. C. 3318 . . .	7.0	35 31.81	59.2	2	3.372	+ 20 49 51.9	56.7	4	16.20
4045	Lacaille 3976 . . .	6.8	35 44.81	63.3	3	2.624	− 29 40 3.3	66.8	2	16.21
4046	Anonymous . . .	7.5	9 35 51.62	64.8	2	+ 2.460	− 37 51 49.5	70.3	2	− 16.22
4047	Anonymous . . .	9.0	35 52.56	67.2	2	2.723	− 23 37 35.6	69.3	2	16.22
4048	*ψ* Leonis	6.2	36 6.19	68.3	2	3.278	+ 14 39 35.5	58.3	2	16.23
4049	Anonymous. . . .	7.5	36 35.30	66.2	2	2.525	− 34 56 26.7	69.3	2	16.26
4050	Lacaille 3983 . . .	6.7	36 47.11	66.2	2	2.527	− 34 51 52.2	67.3	2	16.27
4051	Lacaille 3984 . . .	6.8	9 36 51.58	63.9	5	+ 2.569	− 32 45 44.7	67.8	2	− 16.27
4052	Anonymous. . . .	8.0	37 11.61	64.3	2	2.637	− 29 9 57.1	70.7	2	16.28
4053	Weisse (2) IX, 794. .	7.6	37 49.17	61.7	6	3.480	+ 27 41 22.3	67.8	2	16.32
4054	Lalande 19134. . .	8.0	37 50.04	68.7	2	3.202	+ 9 31 30.1	65.3	2	16.32
4055	*ε* Leonis	3.0*	37 53.92	55.6	147	3.425	+ 24 25 1.0	49.9	58	16.32
4056	B. A. C. 3333 . . .	6.2	9 38 23.03	60.2	2	+ 3.371	+ 21 7 53.6	54.3	3	− 16.35
4057	Lacaille 3996 . . .	6.3	38 32.87	66.8	2	2.447	− 38 55 48.1	64.6	4	16.36
4058	Weisse (2) IX, 815. .	8.6	38 40.13	62.2	3	3.476	+ 27 34 7.9	67.8	2	16.36
4059	B. A. C. 3336 . . .	5.0	38 46.75	63.7	4	3.172	+ 7 21 12.1	68.2	3	16.37
4060	Weisse (2) IX, 817. .	8.0	38 49.03	65.5	4	3.479	+ 27 48 9.9	68.3	1	16.37
4061	18 Leonis	6.0*	9 38 50.62	63.7	3	+ 3.243	+ 12 27 10.0	66.3	2	− 16.37
4062	Weisse (2) IX, 819. .	8.8	38 51.48	67.2	2	3.296	+ 16 12 23.4	70.2	2	16.37
4063	Anonymous . . .	9.0	39 6.87	65.8	2	3.222	+ 11 1 57.4	63.8	2	16.38
4064	B. A. C. 3339 . . .	6.0	39 10.01	68.8	2	3.105	+ 2 25 52.1	67.3	2	16.39
4065	Radcliffe 2396 . . .	6.0	39 21.87	62.1	2	4.821	+ 66 14 31.3	61.8	2	16.40
4066	Weisse (2) IX, 832. .	8.7	9 39 28.66	64.8	6	+ 3.295	+ 16 10 24.4	67.8	2	− 16.40
4067	15 Leonis Minoris. . .	6.0*	39 32.51	59.6	2	3.887	+ 46 40 14.3	54.3	2	16.41
4068	Anonymous . . .	7.5	39 40.22	69.3	2	2.491	− 37 5 29.8	70.1	1	16.41
4069	Anonymous . . .	8.8	39 43.95	69.8	2	3.236	+ 12 4 27.1	64.7	2	16.42
4070	Weisse (2) IX, 831. .	8.0*	39 45.23	59.2	2	3.818	+ 44 10 59.9	57.3	2	16.82

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			h. m. s.			"	° ′ ″			"
4071	Anonymous . . .	7.5	9 39 48.61	69.3	2	+ 2.490	— 37 10 6.0	67.2	2	— 16.42
4072	Weisse (2) IX, 837. .	8.8	39 53.13	68.8	2	3.476	+ 27 45 33.2	69.3	2	16.42
4073	Weisse IX, 867 . .	9.0	39 57.34	61.7	2	2.919	— 11 15 33.7	66.7	2	16.43
4074	Weisse IX, 868. . .	8.5	39 58.70	61.6	3	2.919	— 11 17 33.3	56.3	4	16.43
4075	B. A. C. 3345 . . .	6.0	40 1.47	63.8	5	3.236	+ 12 4 33.9	58.2	2	16.43
4076	Lacaille 4006 . . .	6.2	9 40 4.89	60.3	2	+ 2.531	— 35 12 58.3	69.3	2	— 16.43
4077	Lacaille 4002 . . .	7.5	40 5.52	63.3	2	2.688	— 26 37 43.6	66.3	2	16.43
4078	Anonymous . . .	9.0	40 9.73	61.1	1	2.924	— 10 54 0.4	62.2	2	16.44
4079	Weisse IX, 871 . .	7.7	40 11.62	65.7	2	3.221	+ 11 1 52.4	58.3	4	16.44
4080	Lacaille 4007 . . .	6.5	40 14.79	63.2	2	2.577	— 32 51 47.3	68.3	2	16.44
4081	Brisbane 2651 . . .	7.1	9 40 31.10	64.2	2	+ 2.431	— 39 59 43.1	70.8	2	— 16.45
4082	Anonymous . . .	9.5	40 45.64	66.8	2	2.723	— 24 34	. .	.	16.47
4083	Anonymous . . .	. .	40 50.	. .	.	2.421	— 40 28 56.9	70.3	1	16.47
4084	Brisbane 2657 . . .	7.5	40 54.34	66.0	3	2.431	— 40 2 3.8	70.0	4	16.47
4085	Weisse (2) IX, 856. .	6.5	40 59.30	69.2	2	3.655	+ 37 23 48.3	46.3	3	16.48
4086	υ Ursæ Majoris . . .	4.0*	9 40 59.87	62.7	4	+ 4.376	+ 59 41 39.6	67.2	2	— 16.48
4087	Anonymous . . .	8.7	41 0.91	64.8	2	2.639	— 29 37 34.5	69.6	3	16.48
4088	Anonymous . . .	9.0	41 2.22	61.1	1	2.924	— 10 53 2.8	62.2	2	16.48
4089	Lacaille 4016 . . .	7.0	41 3.52	69.3	2	2.462	— 38 40 35.3	67.7	2	16.48
4090	Weisse IX, 887. . .	9.0	41 20.27	60.9	3	3.223	+ 11 12 24.0	55.0	4	16.50
4091	Weisse (2) IX, 867. .	8.0	9 41 21.08	64.8	2	+ 3.330	+ 18 42 23.9	63.7	2	— 16.50
4092	Lacaille 4021 . . .	6.0	41 33.14	66.8	2	2.587	— 32 35 39.9	69.2	2	16.51
4093	Anonymous . . .	. .	41 45.	. .	.	2.496	— 37 12 31.7	67.3	1	16.52
4094	Anonymous . . .	6.0	41 45.80	64.3	2	2.489	— 37 32 34.2	70.3	1	16.52
4095	O. Arg. S. 10122 . .	7.8	41 55.54	66.8	2	2.726	— 24 33 34.4	69.8	2	16.52
4096	20 Leonis	7.0*	9 41 59.65	59.6	3	+ 3.375	+ 21 49 47.5	53.2	6	— 16.53
4097	Anonymous . . .	. .	42 12.94	48.3	1	3.428	+ 25 12 39.4	70.7	2	16.54
4098	O. Arg. S. 10130 . .	7.8	42 22.69	64.5	3	2.642	— 29 40 21.8	67.8	2	16.55
4099	Lacaille 4026 . . .	7.4	42 24.99	62.3	2	2.707	— 25 45 59.7	65.3	2	16.55
4100	ϕ Ursæ Majoris . . .	5.0*	42 33.32	60.2	2	4.139	+ 54 42 57.5	55.9	5	16.56
4101	Lacaille 4030 . . .	6.8	9 42 36.75	68.3	2	+ 2.504	— 36 59 11.4	68.3	2	— 16.56
4102	Lacaille 4031, (1st *) .	8.0	42 47.04	67.2	4	2.557	— 34 22 13.5	70.2	1	16.57
4103	Lacaille 4031, (2d *) .	7.0	42 47.04	67.2	4	2.557	— 34 22 15.3	69.4	4	16.57
4104	Anonymous . . .	8.8	43 7.	. .	.	2.465	— 38 55 31.4	65.2	2	16.58
4105	4 Sextantis	5.0	43 12.77	66.7	2	3.139	+ 4 59 50.8	69.6	2	16.59
4106	Weisse IX, 929. . .	8.3	9 43 14.15	64.2	8	+ 3.270	+ 14 46 18.7	67.3	2	— 16.59
4107	21 Leonis	7.0	43 17.14	65.7	2	3.238	+ 12 29 38.8	69.2	2	16.59
4108	23 Leonis	7.5*	43 27.20	60.3	4	3.255	+ 13 43 7.4	70.2	2	16.60
4109	Lacaille 4036 . . .	5.0	43 36.08	62.8	3	2.517	— 36 32 11.8	67.8	2	16.61
4110	17 Leonis Minoris. . .	7.0*	43 51.66	69.2	2	3.669	+ 38 34 9.8	46.8	4	16.62

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4111	B. A. C. 3367 . . .	6.0	9 43 55.76	68.8	2	+ 2.536	− 35 37 1.3	57.7	2	− 16.62
4112	Lacaille 4045 . . .	7.6	44 17.30	61.3	2	2.456	− 39 31 2.6	69.7	2	16.64
4113	Anonymous. . . .	7.2	44 35.71	68.8	2	2.539	− 35 36 36.6	57.7	2	16.62
4114	Anonymous. . . .	. .	44 38.	. .	.	3.316	+ 18 8 57.2	69.3	1	16.66
4115	μ Leonis	4.0	44 47.59	65.3	26	3.446	+ 26 39 51.6	64.9	7	16.67
4116	Lacaille 4046 . . .	7.5	9 44 55.15	68.8	2	+ 2.628	− 30 51 24.2	64.8	2	− 16.67
4117	Weisse (2) IX, 960. .	9.0	45 40.37	60.7	5	3.313	+ 18 3	. .	.	16.71
4118	Weisse (2) IX, 961. .	9.0	45 43.84	59.7	2	3.317	+ 18 18 49.7	66.3	2	16.71
4119	Anonymous . . .	8.2	45 46.60	64.3	3	2.504	− 37 32 0.2	69.3	2	16.71
4120	Lacaille 4052 . . .	6.6	45 50.32	63.6	3	2.604	− 32 20 27.4	71.9	3	16.72
4121	Anonymous . . .	8.8	9 45 53.64	64.3	2	+ 3.275	+ 15 22 26.0	71.8	2	− 16.72
4122	Weisse (2) IX, 966. .	7.5	45 55.82	64.2	2	3.470	+ 28 21 11.3	68.3	1	16.72
4123	(* 114) Washington .	9.5	46 1.03	62.8	5	3.269	+ 14 58 23.2	65.2	1	16.72
4124	Rumker 2988 . . .	7.8	46 11.12	64.2	5	3.275	+ 15 23	. ..	.	16.73
4125	Weisse (2) IX, 980. .	7.2	46 15.	. .	.	3.275	+ 15 23 40.1	70.2	1	16.73
4126	Weisse (2) IX, 978. .	8.0	9 46 23.64	68.7	2	+ 3.648	+ 38 4 25.7	46.3	2	− 16.74
4127	Weisse IX, 998. . .	8.0	46 29.70	59.7	2	3.214	+ 10 54 57.7	65.3	2	16.75
4128	B. A. C. 3385 . . .	6.0*	46 42.04	62.8	2	2.703	− 26 40 43.9	66.3	2	16.76
4129	O. Arg. N. 10356 . .	6.2	46 57.00	69.3	2	4.116	+ 54 54 17.5	48.2	7	16.77
4130	Anonymous . . .	8.0	47 0.38	64.8	2	2.471	− 39 20 36.8	69.3	2	16.77
4131	Anonymous. . . .	8.5	9 47 2.81	61.8	2	+ 3.332	+ 19 29 46.4	62.2	1	− 16.77
4132	Weisse IX, 1011 . .	8.6	47 15.59	69.3	2	3.172	+ 7 44 41.9	55.3	2	16.78
4133	Anonymous. . . .	7.1	47 31.45	65.8	4	2.506	− 37 45 5.3	70.2	3	16.80
4134	Weisse (2) IX, 1003 .	7.8	47 46.86	67.5.	4	3.792	+ 44 38 33.1	69.3	4	16.81
4135	Lacaille 4058 . . .	7.8	47 47.42	63.7	2	2.695	− 27 20 22.1	65.7	2	16.81
4136	Rumker 3002 . . .	8.5	9 47 49.48	62.0	2	+ 3.330	+ 19 29 2.7	59.3	4	− 16.81
4137	B. A. C. 3391 . . .	6.0	47 51.85	62.3	2	2.728	− 25 16 33.7	66.3	2	16.81
4138	Weisse IX, 1024 . .	7.8	47 55.26	61.8	2	3.211	+ 10 46 22.2	59.3	4	16.82
4139	Anonymous. . . .	8.4	48 5.05	65.7	4	2.688	− 27 50 19.2	69.7	2	16.82
4140	Weisse IX, 1035 . .	6.8	48 30.94	68.3	2	3.178	+ 8 20 23.6	55.3	2	16.84
4141	Lacaille 4065 . . .	7.0	9 48 31.06	63.2	2	+ 2.578	− 34 14 52.1	66.2	1	− 16.84
4142	O. Arg. N. 10374 . .	9.0	48 36.43	62.1	2	4.701	+ 66 0 13.0	61.8	2	16.85
4143	Weisse (2) IX, 1030 .	7.5	48 51.90	66.3	2	3.469	+ 28 45 37.4	68.3	2	16.86
4144	O. Arg. S. 10219 . .	7.0	48 55.27	67.2	2	2.689	− 27 52 32.3	67.3	2	16.86
4145	19 Leonis Minoris . .	5.5*	49 5.68	59.6	2	3.716	+ 41 43 12.8	53.3	4	16.87
4146	Anonymous. . . .	7.3	9 49 6.53	66.7	2	+ 2.608	− 32 42 6.0	69.7	2	− 16.87
4147	Weisse (2) IX, 1038 .	8.0	49 10.45	62.2	2	3.476	+ 29 13 27.8	68.3	1	16.88
4148	Weisse (2) IX, 1047 .	9.0	49 19.36	59.2	2	3.303	+ 17 43 15.6	56.3	2	16.88
4149	Anonymous. . . .	8.5	49 19.99	64.8	2	2.465	− 40 5 7.1	70.6	2	16.88
4150	O. Arg. S. 10227 . .	8.8	49 47.28	66.8	2	2.692	− 27 50 22.3	69.3	1	16.90

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4151	Anonymous . . .	7.0	9 50 9.27	68.8	2	+ 2.493	− 38 53 18.9	64.7	5	− 16.92
4152	Weisse (2) IX, 1065 .	9.0	50 17.06	62.2	2	3.474	+ 29 14 55.0	67.8	2	16.93
4153	Anonymous . . .	6.3	50 19.21	64.9	3	2.467	− 40 9 39.2	71.0	3	16.93
4154	O. Arg. S. 10236 . .	8.0	50 22.08	69.2	2	2.667	− 29 27 31.9	66.7	2	16.93
4155	Lacaille 4074 . . .	6.4	50 25.70	63.3	2	2.724	− 25 53 11.1	66.8	2	16.93
4156	B. A. C. 3405 . . .	5.9	9 50 28.80	63.8	3	+ 2.611	− 32 45 22.9	67.3	2	− 16.94
4157	Lacaille 4076 . . .	6.9	50 34.86	64.0	2	2.710	− 26 48 41.8	66.8	2	16.94
4158	O. Arg. S. 10241 . .	9.8	50 37.43	70.7	2	2.694	− 27 52 33.4	67.3	3	16.94
4159	ρ Leonis	5.5*	50 41.33	61.2	9	3.238	+ 13 6 38.3	56.2	6	16.95
4160	Lacaille 4082 . . .	6.7	50 56.10	63.2	2	2.588	− 34 9 42.0	68.3	2	16.96
4161	Weisse (2) IX, 1086 .	7.8	9 51 24.42	60.2	3	+ 3.735	+ 42 59 10.0	58.0	4	− 16.98
4162	B. A. C. 3409 . . .	5.5	51 31.22	64.7	2	3.488	+ 30 18 51.3	53.2	5	16.99
4163	Weisse (2) IX, 1096 .	9.0	51 41.34	65.3	2	3.313	+ 18 46 30.2	59.9	3	16.99
4164	Anonymous . . .	8.8	52 8.62	69.8	2	2.500	− 38 54 30.4	65.2	2	17.01
4165	Lacaille 4089 . . .	7.3	52 27.03	63.7	4	2.686	− 28 38 13.4	65.2	2	17.03
4166	π Leonis	4.5*	9 52 48.77	63.3	53	+ 3.180	+ 8 42 52.0	68.0	3	− 17.05
4167	Lacaille 4095 . . .	5.9	52 51.84	65.2	2	2.575	− 35 13 19.5	69.3	2	17.05
4168	Anonymous . . .	7.6	53 3.09	64.2	2	2.666	− 30 1 16.7	68.8	2	17.06
4169	B. A. C. 3420 . . .	6.8	53 56.31	68.3	2	3.512	+ 32 12 16.7	54.3	2	17.10
4170	Anonymous . . .	8.0	54 10.46	68.3	1	2.590	− 34 38 38.2	67.3	2	17.11
4171	Anonymous . . .	7.5	9 55 15.44	68.2	2	+ 2.517	− 38 44	. .	.	− 17.16
4172	Lacaille 4107 . . .	7.8	55 21.78	66.6	5	2.516	− 38 46 44.0	69.5	5	17.16
4173	Weisse (2) IX, 1172 .	6.8	55 30.06	68.3	2	3.626	+ 38 42 1.7	46.2	2	17.17
4174	Lacaille 4106, (1st *) .	8.5	55 32.93	63.2	3	2.704	− 28 0 15.7	65.2	2	17.17
4175	Lacaille 4106, (2d *) .	9.0	55 33.95	63.2	3	2.705	− 27 59 56.2	65.2	2	17.17
4176	Weisse (2) IX, 1177 .	9.5	9 55 43.52	62.2	2	+ 3.453	+ 28 54 26.5	66.8	2	− 17.18
4177	Anonymous . . .	8.8	55 47.	. .	.	3.238	+ 13 32 15.4	62.7	2	17.19
4178	B. A. C. 3427 . . .	7.0*	55 48.51	60.2	3	3.525	+ 33 19 16.6	63.2	6	17.18
4179	Anonymous . . .	9.0	55 52.	. .	.	3.238	+ 13 30 52.1	70.2	1	17.18
4180	Lacaille 4111 . . .	6.5	55 53.99	63.3	3	2.616	− 33 30 4.6	66.2	2	17.19
4181	Anonymous . . .	8.1	9 56 6.32	69.1	4	+ 3.238	+ 13 33 15.5	66.0	3	− 17.20
4182	Weisse IX, 1204 . .	7.2	56 15.81	59.3	3	3.228	+ 12 47 50.5	57.8	2	17.20
4183	Anonymous . . .	7.2	56 24.	. .	.	2.522	− 38 42 35.4	70.3	2	17.21
4184	Weisse (2) IX, 1192 .	8.7	56 33.50	62.3	3	3.445	+ 28 31 24.5	62.2	2	17.22
4185	Lacaille 4115 . . .	6.8	56 33.89	66.7	2	2.678	− 29 54 15.1	65.8	2	17.22
4186	Anonymous . . .	8.7	9 56 45.86	64.2	2	+ 2.683	− 29 35 46.6	68.9	3	− 17.22
4187	Anonymous . . .	7.0	57 11.60	68.0	4	2.524	− 38 44 57.5	68.3	2	17.24
4188	Anonymous . . .	8.0	57 13.86	64.3	2	2.685	− 29 34 26.6	68.3	2	17.25
4189	Lacaille 4120 . . .	6.5	57 14.02	63.2	1	2.636	− 32 33 46.6	68.3	2	17.25
4190	O. Arg. S. 10324 . .	6.8	57 14.98	65.2	4	2.759	− 24 38 26.7	70.2	2	17.25

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			h. m. s.			″	° ′ ″			″
4191	Lacaille 4119 . . .	7.7	9 57 16.60	62.3	2	+ 2.736	− 26 14 4.7	66.3	2	− 17.25
4192	Rumker 3061 . . .	8.3	57 22.66	62.2	3	3.236	+ 13 31 29.2	56.3	2	17.25
4193	Weisse (2) IX, 1214 .	9.0*	57 27.54	59.2	2	3.297	+ 18 14 47.7	56.3	3	17.26
4194	Lalande 19627 . . .	8.7	57 33.19	71.3	3	4.855	+ 69 6 24.3	71.3	3	17.26
4195	B. A. C. 3439 . . .	7.0*	57 33.27	59.7	2	3.561	+ 35 40 52.9	54.3	3	17.26
4196	Weisse (2) IX, 1230 .	9.4	9 57 39.66	62.2	3	+ 3.282	+ 17 8 39.7	59.8	2	− 17.27
4197	Anonymous . . .	7.0	57 50.23	69.2	2	2.530	− 38 36 11.7	64.8	3	17.27
4198	O. Arg. S. 10337 . .	5.0	57 53.18	64.7	2	2.776	− 23 36 33.6	67.6	3	17.28
4199	Anonymous . . .	9.0	57 57.69	62.7	2	3.231	+ 13 13 3.5	65.3	2	17.28
4200	Weisse IX, 1243 . .	8.0	58 7.05	66.8	2	3.233	+ 13 38 24.5	67.8	2	17.28
4201	Anonymous . . .	9.0	9 58 16.39	65.3	2	+ 3.335	+ 21 15 8.7	67.5	3	− 17.29
4202	O. Arg. S. 10346 . .	6.8	58 27.90	64.5	5	2.720	− 27 30 39.3	67.8	2	17.30
4203	Lacaille 4135 . . .	6.5	58 30.09	67.2	2	2.519	− 39 17 55.8	69.3	2	17.30
4204	O. Arg. S. 10351 . .	6.5	58 50.73	63.8	7	2.721	− 27 31 6.0	67.8	2	17.32
4205	Weisse IX, 1259 . .	7.5	59 5.64	60.2	2	3.237	+ 13 27 45.8	58.6	3	17.33
4206	Weisse (2) IX, 1255 .	7.8	9 59 6.17	64.5	4	+ 3.464	+ 30 11 38.9	68.8	2	− 17.33
4207	Weisse (2) IX, 1257 .	9.2	59 8.90	63.2	1	3.463	+ 30 8 30.9	68.8	2	17.33
4208	21 Leonis Minoris . .	5.5	59 9.59	68.3	2	3.560	+ 35 55 31.4	46.8	4	17.33
4209	Weisse (2) IX, 1259 .	9.0	59 16.46	69.3	1	3.623	+ 39 19 49.7	67.2	2	17.34
4210	B. A. C. 3448 . . .	6.0	59 19.77	64.8	2	2.615	− 34 12 12.9	70.3	2	17.34
4211	Lacaille 4142 . . .	6.8	9 59 23.40	63.7	2	+ 2.641	− 32 42 45.2	68.3	2	− 17.34
4212	14 Sextantis	6.0	59 28.08	66.7	2	3.146	+ 6 17 32.9	69.2	2	17.35
4213	η Leonis	5.0	59 41.79	64.2	2	3.283	+ 17 26 39.4	49.3	1	17.35
4214	Weisse (2) IX, 1273 .	9.5	59 54.08	62.2	2	3.622	+ 39 26 48.2	61.9	3	17.36
4215	Weisse IX, 1279 . .	8.1	10 0 4.89	66.8	2	3.235	+ 13 42 20.3	67.8	2	17.37
4216	Weisse (2) IX, 1282 .	7.9	10 0 5.19	68.3	2	+ 3.276	+ 16 57 33.0	59.7	2	− 17.37
4217	B. A. C. 3456 . . .	6.5	0 9.95	71.2	2	3.494	+ 32 17 23.1	71.3	2	17.38
4218	A Leonis	5.0	0 28.34	66.2	2	3.198	+ 10 40 55.5	70.7	2	17.39
4219	Rumker 3069 . . .	8.5	0 45.01	64.2	3	3.222	+ 12 40 45.5	55.8	2	17.40
4220	α Leonis	1.2*	0 54.85	55.4	203	3.221	+ 12 39 0.0	62.8	21	17.41
4221	Anonymous. . . .	7.7	10 0 56.04	65.2	3	+ 2.773	− 24 15 10.0	69.7	2	− 17.41
4222	O. Arg. S. 10387 . .	8.0	1 23.44	64.3	2	2.786	− 23 22 27.2	68.3	2	17.43
4223	Anonymous. . . .	8.0	1 33.40	65.3	2	2.774	− 24 16 50.5	69.7	2	17.44
4224	Weisse (2) IX, 1316 .	7.5	1 35.90	62.3	2	3.326	+ 21 1 1.8	63.5	4	17.44
4225	Anonymous . . .	9.2	1 52.67	65.0	3	3.223	+ 12 55 54.0	70.2	2	17.45
4226	16 Sextantis	6.5	10 1 54.54	66.1	2	+ 3.151	+ 6 51 19.5	65.8	2	− 17.45
4227	Lacaille 4162 . . .	7.0	2 15.40	63.3	2	2.623	− 34 19 47.8	70.8	2	17.47
4228	B. A. C. 3466 . . .	6.2	2 31.70	62.8	4	3.649	+ 41 20 52.6	55.6	4	17.48
4229	Anonymous. . . .	8.8	2 39.41	66.2	2	2.660	− 32 11 14.6	68.3	2	17.48
4230	Anonymous . . .	8.9	2 40.74	65.0	3	3.223	+ 12 57 44.2	70.2	2	17.48

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4231	Groombridge 1618 .	6.5	10 2 45.22	71.2	2	+ 3.857	+ 50 9 31.5	71.2	2	— 17.49
4232	B. A. C. 3468 . . .	6.0	2 54.32	60.6	4	3.584	+ 38 5 23.5	54.3	8	17.49
4233	Anonymous . . .	9.5	3 7.49	66.8	2	3.225	+ 13 10 51.5	69.3	1	17.50
4234	Rumker 3076 . . .	8.5	3 11.86	62.2	2	3.217	+ 12 30 45.4	59.8	2	17.51
4235	Lacaille 4165 . . .	7.0	3 20.35	63.0	4	2.662	— 32 9 43.8	67.1	4	17.51
4236	Weisse (2) X, 53 . .	8.3	10 3 43.46	64.9	3	+ 3.460	+ 30 50 13.9	65.8	2	— 17.53
4237	Weisse (2) X, 49 . .	7.2	3 44.63	68.7	2	3.560	+ 36 56 20.9	46.3	2	17.53
4238	Anonymous . . .	8.2	3 48.27	65.2	2	2.599	— 36 4 53.5	69.7	2	17.53
4239	Weisse X, 38 . . .	7.5	3 50.92	68.3	2	3.150	+ 6 51 19.9	66.9	2	17.53
4240	Weisse X, 45 . . .	8.0	4 5.79	59.6	3	3.218	+ 12 43 29.5	56.3	2	17.54
4241	Lalande 19854 . . .	8.3	10 5 20.48	66.2	2	+ 3.476	+ 32 12 12.9	68.3	2	— 17.60
4242	Weisse (2) X, 106 . .	8.0	5 23.06	59.2	2	3.271	+ 17 13 30.3	56.2	4	17.60
4243	Weisse X, 70 . . .	8.0	5 25.05	60.1	2	2.954	— 10 26 49.8	63.6	3	17.60
4244	Lacaille 4185 . . .	7.0	5 36.76	62.6	3	2.646	— 33 38 36.1	66.8	2	17.61
4245	Lacaille 4183 . . .	7.4	5 39.94	63.2	3	2.733	— 27 54 58.1	65.3	1	17.61
4246	Weisse X, 74 . . .	8.4	10 5 50.40	68.3	2	+ 3.141	+ 6 11 12.2	62.8	2	— 17.62
4247	Weisse X, 75 . . .	8.7	5 54.57	66.8	2	3 217	+ 12 50 13.2	69.3	2	17.62
4248	Lacaille 4186 . . .	6.2	5 56.08	63.9	3	2.533	— 40 11 9.6	69.2	2	17.62
4249	Weisse X, 76 . . .	8.6	5 57.90	64.1	5	3.208	+ 12 1 48.7	65.1	5	17.62
4250	Lalande 19869 . . .	7.2	6 7.46	65.8	2	3.472	+ 32 7 4.5	66.8	2	17.63
4251	Anonymous. . . .	7.8	10 6. 7.62	67.2	2	+ 2.584	— 37 28 34.9	71.3	1	— 17.63
4252	Anonymous. . . .	9.1	6 9.09	69.3	3	3.208	+ 12 2 40.3	64.2	2	17.63
4253	Lacaille 4190 . . .	7.3	6 26.46	63.2	2	2.722	— 28 48 33.1	69.3	2	17.64
4254	Weisse X, 94 . . .	8.2	6 30.25	66.6	3	3.212	+ 12 22 52.3	68.2	3	17.65
4255	Lacaille 4192 . . .	7.0	6 34.83	66.2	2	2.678	— 31 49 30.3	70.2	2	17.65
4256	Weisse X, 96 . . .	9.0	10 6 42.02	67.3	2	+ 3.211	+ 12 23 19.7	70.9	1	— 17.65
4257	B. A. C. 3489 . . .	6.0*	6 53.31	60.2	2	2.758	— 26 20 18.8	65.2	2	17.66
4258	Anonymous . . .	7.0	6 56.99	64.2	2	2.542	— 39 56 58.2	70.3	2	17.66
4259	22 Leonis Minoris . .	6.2	7 3.49	63.3	4	3.470	+ 32 9 39.8	64.6	4	17.67
4260	Anonymous . . .	8.5	7 7.08	67.2	2	2.711	— 29 44 18.1	68.3	1	17.67
4261	21 Sextantis	6.0	10 7 9.78	57.8	2	+ 2.991	— 7 18 0.2	69.8	2	— 17.67
4262	Lacaille 4196 . . .	6.0	7 13.54	67.3	2	2.672	— 32 20 29.6	72.3	2	17.68
4263	O. Arg. S. 10471 . .	5.5	7 36.21	65.0	5	2.804	— 23 7 18.6	70.3	2	17.69
4264	Weisse X, 115 . . .	9.0	7 41.27	66.7	2	3.212	+ 12 34 32.6	67.8	2	17.70
4265	Weisse X, 116 . . .	7.4	7 41.60	64.8	2	3.210	+ 12 22 4.5	59.7	5	17.70
4266	B. A. C. 3497 . . .	6.1	10 7 48.67	62.6	3	+ 2.551	— 39 39 12.8	65.8	2	— 17.70
4267	32 Ursæ Majoris . . .	5.5	7 49.07	62.9	10	4.471	+ 65 48 16.7	61.8	5	17.70
4268	B. A. C. 3498 . . .	6.7	7 58.55	62.6	3	2.523	— 39 37 2.7	65.8	2	17.71
4269	Anonymous . . .	7.0	8 12.22	64.6	3	2.571	— 38 39 2.1	71.3	2	17.72
4270	Weisse (2) X, 157 . .	7.7	8 12.53	62.5	4	3.636	+ 41 58 19.9	61.8	4	17.72

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4271	Weisse (2) X, 158 . .	8.5	10 8 13.56	62.6	3	+ 3.636	+ 42 0 9.1	67.3	2	— 17.72
4272	23 Leonis Minoris . .	5.5*	8 16.69	59.8	5	3.434	+ 30 0 22.8	53.9	5	17.72
4273	Anonymous . . .	7.2	8 22.87	68.7	2	2 709	− 30 7 24.4	67.8	2	17.72
4274	ζ Ursæ Majoris . . .	3.5*	8 38.53	46.3	3	3.667	+ 43 36 41.5	63.3	2	17.73
4275	B. A. C. 3495 . . .	5.5*	8 39.16	61.9	7	10.149	+ 84 57 32.6	63.6	5	17.73
4276	Rumker 3113		10 8 42 14	60.8	2	+ 3.209	+ 12 21 49.7	58.3	1	— 17.74
4277	Weisse (2) X, 165 . .	9.3	8 46.00	61.2	3	3.660	+ 43 20 4.3	58.3	3	17.74
4278	Weisse (2) X, 179 . .	8.2	9 9.41	68.3	2	3.435	+ 30 15 2.8	65.2	2	17.76
4279	O. Arg. S. 10488 . .	7.0	9 24.38	70.4	5	2.705	+ 30 30 20.8	68.3	2	17.73
4280	Anonymous. . . .	8.8	9 37.36	64.8	2	2.578	− 38 35 43.6	68.7	2	17.77
4281	Lacaille 4218 . . .	7.0	10 9 41.47	64.5	10	+ 2.744	− 27 55 11.9	65.3	2	— 17.78
4282	Radcliffe 2472 . . .	6.5	10 3.84	62.2	2	3.865	+ 52 6 15.9	62.2	2	17.79
4283	Weisse (2) X, 194 . .	6.7	10 5.54	62.2	2	3.662	+ 43 44 58.7	65.3	2	17.79
4284	Weisse (2) X, 197 . .	8.0	10 7.00	69.3	2	3.557	+ 38 12 24.8	55.0	4	17.80
4285	Lalande 19981 . . .	8.5	10 20.74	69.2	2	3.203	+ 11 58 56.5	68.2	3	17.80
4286	Weisse (2) X, 204 . .	9.0	10 10 34.13	66.3	2	+ 3.446	+ 31 19 4.0	67.8	2	— 17.81
4287	Lacaille 4227 . . .	7.0	10 37.66	64.8	2	2.667	− 33 25 48.7	68.8	2	17.81
4288	Weisse X, 173 . . .	9.0	10 56.19	59.8	2	3.197	+ 11 32 9.5	57.3	4	17.83
4289	B. A. C. 3521 . . .	6.0	11 42.89	63.3	2	2.744	− 28 17 35.7	66.8	2	17.86
4290	ζ¹ Leonis	2.0*	12 15.04	63.7	81	3.299	+ 20 32 53.0	62.8	9	17.88
4291	ζ² Leonis	3.5*	10 12 15.28	64.7	11	+ 3.299	+ 20 32 50.5	71.3	2	— 17.88
4292	Weisse X, 204 . . .	9.0	12 23.37	67.3	2	3.035	− 3 32	. .	.	17.89
4293	Lacaille 4242 . . .	6.2	12 28.87	64.8	2	2.631	− 36 6 18.1	68.8	2	17.89
4294	O. Arg. S. 10533 . .	7.5	12 41.86	71.1	2	2.748	− 28 15 33.7	68.6	3	17.90
4295	Lacaille 4245 . . .	6.5	12 56.95	63.3	2	2.667	− 33 55 2.4	63.3	2	17.91
4296	Weisse X, 209 . . .	7.3	10 12 59.40	64.3	2	+ 3.200	+ 12 3 18.1	65.8	2	— 17.91
4297	Anonymous . . .	8.0	13 2.70	63.7	5	3.034	− 3 38 31.2	69.3	2	17.91
4298	O. Arg. S. 10540 . .	7.5	13 21.72	71.1	2	2.750	− 28 15 39.4	69.3	2	17.93
4299	Σ Cat. Gen. 1198, (1st *).	8.5	13 31.74	62.3	2	3.663	+ 44 36 24.1	69.0	3	17.93
4300	Σ Cat. Gen. 1198, (2d *).	8.0	13 32.22	62.3	2	3.663	+ 44 36 33.6	59.2	3	17.93
4301	B. A. C. 3528 . . .	5.5*	10 13 38.20	66.8	4	+ 8.142	+ 83 16 3.0	66.7	8	— 17.93
4302	Weisse X, 224 . . .	8.0	13 41.62	59.2	2	3.023	− 4 40 45.6	55.6	3	17.94
4303	Lacaille 4250 . . .	7.0	13 55.92	66.9	3	2.693	− 32 25 35.9	69.3	2	17.95
4304	Anonymous . . .	8.2	13 58.45	65.3	2	2.820	− 22 56 12.4	68.3	1	17.95
4305	B. A. C. 3531 . . .	5.0	13 59.43	62.3	2	4.430	+ 66 16 20.1	65.3	2	17.95
4306	Lacaille 4253 . . .	7.0	10 14 1.68	66.7	2	+ 2.589	− 39 0 2.3	67.8	2	— 17.95
4307	Weisse X, 229 . . .	7.5	14 4.28	59.2	2	3.023	− 4 42 46.9	55.6	3	17.95
4308	Weisse X, 234 . . .	7.5	14 27.79	62.0	3	3.192	+ 11 24 16.6	60.3	2	17.97
4309	Weisse X, 240 . . .	7.2	14 42.49	64.3	2	3.198	+ 12 1 36.7	67.8	2	17.98
4310	Lacaille 4257 . . .	6.6	14 49.07	63.2	3	2.800	− 24 40 8.8	68.3	1	17.98

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4311	Lalande 20114 . . .	7.0	10 14 53.68	65.3	4	+ 2.821	− 23 0 27.0	70.2	1	− 17.98
4312	26 Leonis Minoris . .	6.5*	14 58.34	59.6	2	3.500	+ 35 55 23.0	53.3	2	17.99
4313	Weisse (2) X, 299 . .	7.6	15 3.29	63.2	4	3.435	+ 31 32 33.3	62.3	2	17.99
4314	Weisse X, 255 . . .	7.5	15 34.50	60.2	1	3.041	− 3 2 10.7	61.6	4	18.01
4315	43 Leonis	6.0	15 40.78	64.5	3	3.147	+ 7 15 5.3	70.3	2	18.02
4316	Anonymous. . . .	7.5	10 15 47.98	64.3	2	+ 2.653	− 35 31 7.4	69.8	2	− 18.02
4317	Lacaille 4266 . . .	7.0*	15 56.56	63.3	2	2.749	− 28 51 10.6	69.3	2	18.02
4318	24 Sextantis	6.5*	16 18.35	47.3	1	3.070	− 0 11 41.6	70.3	2	18.04
4319	Anonymous. . . .	8.9	16 23.57	65.3	2	2.770	− 27 18 32.0	69.8	2	18.04
4320	Lacaille 4267 . . .	6.0	16 24.04	68.3	2	2.816	− 23 37 35.1	66.7	2	18.04
4321	B. A. C. 3553 . . .	6.0	10 16 27.26	60.2	2	+ 3.042	− 2 56 11.7	69.3	2	− 18.04
4322	B. A. C. 3554 . . .	6.6	16 48.08	64.8	4	2.743	− 29 27 21.9	68.6	2	18.06
4323	Weisse X, 276 . . .	7.0	16 54.40	61.9	5	3.188	+ 11 17 42.7	59.3	4	18.06
4324	Anonymous . . .	. .	17 11.76	67.3	2	3.094	+ 2 10	. .	.	18.07
4325	Rumker 3171 . . .	8.9	17 17.21	64.2	2	3.196	+ 12 3 54.1	69.0	3	18.08
4326	B. A. C. 3557 . . .	5.2	10 17 21.71	63.3	3	+ 2.631	− 37 18 2.5	67.8	2	− 18.08
4327	Lalande 20169 . . .	6.7	17 22.71	68.3	2	3.507	+ 36 54 50.7	47.3	2	18.08
4328	O. Arg. S. 10594 . .	8.0	17 24.03	65.2	2	2.744	− 29 34 33.0	70.3	2	18.08
4329	γ Antliæ	7.3	17 29.60	62.9	3	2.752	− 28 56 29.8	67.8	2	18.08
4330	Rumker 3172 . . .	8.8	17 32.35	60.6	3	3.190	+ 11 34 45.5	58.6	3	18.08
4331	Weisse X, 288 . . .	8.3	10 17 37.80	62.2	2	+ 3.181	+ 10 41 29.3	59.9	3	− 18.09
4332	29 Leonis Minoris . .	5.5*	17 39.85	56.6	3	3.494	+ 36 8 12.2	61.3	4	18.09
4333	44 Leonis	5.6	17 52.43	66.3	2	3.168	− 9 29 41.6	70.0	3	18.10
4334	30 Leonis Minoris . .	4.5*	17 52.67	60.5	3	3.468	+ 34 30 26.6	59.6	3	18.10
4335	B. A. C. 3562 . . .	6.0	18 12.63	71.1	2	3.168	+ 9 29 9.3	69.9	3	18.11
4336	B. A. C. 3563 . . .	5.5	10 18 46.44	47.3	1	+ 3.007	− 6 21 18.1	69.3	2	− 18.13
4337	Lacaille 4287 . . .	6.7	18 47.55	66.8	2	2.632	− 37 35 37.9	68.3	2	18.13
4338	Weisse (2) X, 360 . .	8.8	18 49.52	61.5	4	3.257	+ 17 56 6.1	60.3	3	18.13
4339	Weisse X, 315 . . .	6.7	18 53.19	69.2	2	3.118	+ 4 38 34.6	62.8	2	18.14
4340	Lacaille 4286 . . .	6.2	18 56.77	66.3	2	2.762	− 28 29 3.5	66.2	2	18.14
4341	Weisse X, 316 . . .	7.3	10 19 1.08	60.9	3	+ 3.185	+ 11 12 54.5	57.0	3	− 18.14
4342	B. A. C. 3566 . . .	7.0	19 16.42	64.3	2	3.015	− 5 43 0.4	69.3	2	18.15
4343	Weisse (2) X, 374 . .	7.5	19 18.93	66.6	6	3.256	+ 17 55 58.0	59.0	4	18.15
4344	μ Hydræ	4.5	19 19.30	59.3	3	2.908	− 16 7 22.0	66.7	2	18.15
4345	26 Sextantis	6.0	19 27.88	64.3	2	3.069	− 0 16 38.0	67.3	2	18.16
4346	β Leonis Minoris. . .	5.5	19 19 46.49	68.3	2	+ 3.505	+ 37 25 25.1	46.6	5	− 18.17
4347	35 Ursæ Majoris . . .	6.5	19 54.83	63.3	4	4.363	+ 66 20 26.3	64.3	2	18.17
4348	Radcliffe 2496 . . .	6.0	20 9.28	62.3	2	3.655	+ 45 55 32.5	56.2	3	18.18
4349	45 Leonis	7.0	20 15.15	61.6	7	3.176	+ 10 28 29.5	61.0	4	18.19
4350	Lacaille 4295 . . .	6.5	20 17.81	63.3	3	2.621	− 38 39 4.3	68.3	2	18.19

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4351	B. A. C. 3576 . . .	7.0*	10 20 26.06	60.2	2	+ 3.070	− 0 15 2.0	65.3	2	− 18.19
4352	O. Arg. N. 10861 . .	6.5	20 39.55	65.8	2	4.275	+ 64 58 25.8	70.3	2	18.20
4353	α Antliæ	4.4	20 44.92	64.4	11	2.744	− 30 21 21.5	67.2	2	18.20
4354	Rumker 3203 . . .	7.3	20 55.61	66.9	3	3.238	+ 16 28 9.4	70.8	2	18.21
4355	Weisse (2) X, 412 . .	7.5	21 9.83	63.6	9	3.292	+ 17 50 47.3	57.6	3	18.22
4356	Anonymous . . .	. .	10 21 22.	. .	.	+ 4.269	+ 65 0 52.6	69.3	1	− 18.23
4357	Anonymous . . .	8.5	21 27.58	69.3	2	2.998	− 7 34 27.7	57.6	3	18.23
4358	Anonymous . . .	6.2	21 30.04	60.3	2	2.701	− 33 41 8.1	69.3	2	18.23
4359	36 Ursæ Majoris . . .	5.9	21 38.41	68.3	2	3.919	+ 56 41 48.0	58.2	2	18.24
4360	Weisse X, 375 . . .	7.0	21 47.28	66.8	2	3.179	+ 10 52 14.9	68.3	2	18.24
4361	32 Leonis Minoris. . .	6.0*	10 21 55.31	59.8	3	+ 3.532	+ 39 38 24.1	53.2	8	− 18.25
4362	Weisse X, 377 . . .	8.9	21 55.67	62.6	3	3.182	+ 11 14 26.9	57.9	3	18.25
4363	Anonymous . . .	6.8	21 58.80	64.3	2	2.677	− 35 30 20.5	70.3	1	18.25
4364	Weisse X, 378 . . .	7.5	21 59.38	60.2	2	3.199	+ 12 54 6.2	68.3	2	18.25
4365	Rumker 3209 . . .	8.3	22 10.92	64.5	4	3.248	+ 17 41 42.5	59.6	3	18.26
4366	Anonymous . . .	. .	10 22 14.	. .	.	+ 2.678	− 35 28 13.9	70.3	1	− 18.26
4367	Anonymous . . .	8.5	22 28.37	69.6	3	3.499	+ 37 45 4.0	46.8	2	18.27
4368	O. Arg. S. 10666 . .	8.7	22 52.75	68.8	2	2.757	− 29 49 29.1	65.3	2	18.28
4369	Lacaille 4367 . . .	6.5	22 54.32	63.6	3	2.653	− 37 20 39.3	67.8	2	18.28
4370	Rumker 3211 . . .	8.2	22 59.91	60.3	1	3.192	+ 12 20 47.9	71.3	2	18.29
4371	B. A. C. 3596 . . .	5.4	10 23 1.24	63.3	2	+ 2.768	− 28 56 56.5	67.3	2	− 18.29
4372	9 (H) Draconis	5.2	23 4.88	62.6	7	5.346	+ 76 25 55.6	64.2	6	18.29
4373	30 Sextantis	6.0	23 8.00	64.2	2	3.073	+ 0 4 44.7	69.3	2	18.29
4374	δ Antliæ	5.0	23 8.97	68.8	2	2.757	− 29 53 28.9	68.3	2	18.29
4375	33 Leonis Minoris. . .	6.3	23 54.01	62.2	2	3.427	+ 33 5 48.1	67.8	2	18.32
4376	Weisse X, 412 . . .	8.0	10 23 58.26	66.8	2	+ 3.176	+ 10 46 5.1	68.3	2	− 18.32
4377	B. A. C. 3603 . . .	6.0	23 58.50	58.3	2	3.006	− 6 55 12.8	71.2	2	18.32
4378	O. Arg. N. 10911 . .	7.0*	24 7.63	69.3	2	3.613	+ 44 54 1.1	56.3	2	18.36
4379	O. Arg. S. 10684 . .	8.1	24 11.84	64.3	2	2.825	− 24 30 22.7	69.7	2	18.33
4380	Lacaille 4317 . . .	6.6	24 17.80	66.3	2	2.810	− 25 46 2.1	70.3	2	18.33
4381	Weisse X, 425 . . .	8.1	10 24 46.03	67.3	2	+ 3.169	+ 10 8 28.6	70.6	3	− 18.35
4382	Anonymous . . .	9.8	25 2.34	65.3	2	3.243	+ 17 36	. .	.	18.36
4383	B. A. C. 3607 . . .	5.0*	25 3.02	60.3	2	3.542	+ 41 8 39.8	54.3	2	18.36
4384	Lacaille 4326 . . .	6.8	25 10.89	63.3	2	2.704	− 34 24 25.5	69.3	2	18.36
4385	Lalande 20419 . . .	8.0	25 14.32	65.3	2	3.002	− 7 28 36.3	57.3	2	18.37
4386	Lacaille 4324 . . .	6.0	10 25 17.70	64.2	3	+ 2.792	− 27 31 7.9	68.8	2	− 18.37
4387	Weisse X, 439 . . .	9.0	25 26.16	64.2	2	3.176	+ 11 0 41.3	68.8	2	18.37
4388	ρ Leonis	4.0	25 26.24	63.1	56	3.167	+ 10 1 32.7	60.2	6	18.37
4389	34 Leonis Minoris. . .	5.0*	25 29.94	59.7	2	3.457	+ 35 42 28.0	54.3	3	18.37
4390	Anonymous . . .	8.3	25 40.38	64.8	2	2.716	− 33 40 32.0	68.8	2	18.38

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			h. m. s.			"	° ′ ″			"
4391	Anonymous. . . .	9.7	10 25 51.04	63.7	2	+ 3.240	+ 17 30 16.0	67.3	1	— 18.39
4392	Weisse (2) X, 513 . .	8.5	26 0.50	66.3	2	3.221	+ 15 36 58.6	69.8	2	18.39
4393	Rumker 3238 . . .	8.7	26 3.06	63.8	2	3.224	+ 15 56 4.4	68.8	2	18.39
4394	37 Ursæ Majoris . . .	6.0	26 7.08	68.3	2	3.918	+ 57 48 6.0	58.3	2	18.40
4395	Anonymous. . . .	8.3	26 16.	. .	.	3.118	+ 4 58 53.2	70.4	1	18.40
4396	Weisse X, 456 . . .	8.0	10 26 31.21	68.8	2	+ 3.039	— 3 33 18.5	59.8	2	— 18.41
4397	Anonymous. . . .	8.8	26 51.63	69.3	2	3.034	— 4 9 15.5	59.3	2	18.42
4398	Weisse X, 468 . . .	9.0	26 56.70	60.2	2	3.193	+ 12 54	. .	.	18.43
4399	Anonymous. . . .	7.5	27 10.66	64.3	2	2.698	— 35 20 47.4	69.3	2	18.43
4400	Lacaille 4340 . . .	7.0	27 17.66	63.5	3	2.808	— 26 37 39.9	64.6	2	18.44
4401	Lamont's Z. X, 33 . .	8.0	10 27 20.22	59.2	2	+ 2.987	— 9 10 39.5	56.2	6	— 18.44
4402	Lacaille 4345 . . .	6.7	27 20.27	63.3	3	2.638	— 39 30 59.7	66.3	2	18.44
4403	Lalande 20482 . . .	8.0	27 23.95	48.3	1	2.976	— 10 23 53.5	70.8	2	18.44
4404	48 Leonis	5.5*	27 29.65	69.3	2	3.143	+ 7 40 23.6	63.3	2	18.44
4405	Weisse (2) X, 537 . .	8.2	27 34.26	62.2	2	3.406	+ 32 30 1.1	62.3	2	18.45
4406	Anonymous . . .	7.9	10 28 17.15	70.3	2	+ 2.674	— 37 24 24.4	67.3	2	— 18.47
4407	B. A. C. 3627 . . .	6.0	28 18.04	59.2	2	2.857	— 22 27 18.1	66.3	2	18.47
4408	35 Leonis Minoris. . .	6.0	28 18.65	69.3	2	3.465	+ 37 3 6.0	47.3	2	18.47
4409	Lacaille 4349 . . .	6.9	28 20.32	63.8	2	2.764	— 30 37 15.7	65.8	2	18.47
4410	Anonymous . . .	9.0	28 27.87	69.3	1	3.037	— 3 53	. .	.	18.48
4411	Anonymous . . .	8.6	10 28 37.88	68.3	1	+ 3.037	— 3 52 55.0	49.3	2	— 18.48
4412	Anonymous . . .	8.5	28 40.69	69.7	2	3.037	— 3 53	. .	.	18.48
4413	Anonymous . . .	8.5	28 40.85	69.3	2	2.777	— 29 36 54.9	65.2	2	18.48
4414	B. A. C. 3630 . . .	5.5	29 0.04	63.3	2	2.656	— 38 50 23.7	68.4	1	18.50
4415	Anonymous . . .	9.0	29 12.89	65.8	4	2.702	— 35 39 46.9	70.9	1	18.50
4416	Anonymous . . .	9.2	10 29 20.53	65.3	1	+ 2.703	— 35 35 57.9	7.09	1	— 18.51
4417	Weisse X, 517 . . .	8.8	29 25.06	69.0	4	3.035	— 4 6 18.6	49.3	1	18.51
4418	B. A. C. 3629 . . .	6.0*	29 26.72	62.2	1	6.379	+ 81 9 17.6	67.3	2	18.51
4419	Lacaille 4360 . . .	6.8	29 28.74	63.7	2	2.822	— 25 56 55.2	68.3	2	18.51
4420	Weisse X, 520 . . .	7.0	29 34.35	70.8	4	2.968	— 11 28 50.1	66.0	3	18.52
4421	Weisse X, 526 . . .	9.0	10 29 44.22	69.3	1	+ 2.990	— 9 6 25.7	56.9	3	— 18.52
4422	Anonymous . . .	8.1	29 52.94	64.7	5	2.705	— 35 38 35.7	70.6	2	18.52
4423	Anonymous . . .	9.3	29 56.	. .	.	3.038	— 3 48 2.6	70.3	1	18.53
4424	Lacaille 4363 . . .	6.5	30 2.85	64.2	6	2.800	— 28 2 51.9	68.8	2	18.53
4425	Lacaille 4364 . . .	6.4	30 8.31	63.2	2	2.812	— 26 55 55.7	70.0	3	18.53
4426	Lacaille 4365 . . .	6.7	10 30 10.64	64.2	2	+ 2.746	— 32 32 50.8	70.3	2	— 18.54
4427	Anonymous . . .	. .	30 13.43	49.3	1	3.041	— 3 31 18.1	49.3	1	18.54
4428	Anonymous . . .	. .	30 13.62	49.3	1	3.037	— 3 53	. .	.	18.54
4429	Weisse X, 538 . . .	8.8	30 27.79	60.2	2	2.979	— 10 19 6.1	55.3	3	18.54
4430	B. A. C. 3637 . . .	6.0*	30 38.54	60.1	2	2.958	— 12 39 28.8	54.3	2	18.55

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			h. m. s.			"	° ′ ″			"
4431	B. A. C. 3638 . . .	5.8	10 30 39.70	62.3	2	+ 2.817	− 26 41 18.1	64.8	2	− 18.55
4432	Weisse X, 548 . . .	9.0	30 47.93	59.7	2	2.980	− 10 19 24.6	55.3	3	18.56
4433	37 Leonis Minoris. . .	4.5*	30 49.86	60.2	2	3.398	+ 32 42 7.1	65.8	2	18.56
4434	38 Leonis Minoris. . .	5.5*	31 6.36	69.3	2	3.476	+ 38 38 19.1	48.3	1	18.56
4435	O. Arg. S. 10775 . .	8.0	31 13.04	67.3	2	2.799	− 28 22 20.8	68.8	2	18.57
4436	Lacaille 4374 . . .	6.8	10 31 20.37	63.3	3	+ 2.719	− 34 59 38.9	66.8	2	− 18.57
4437	50 Leonis	6.8	31 23.80	67.3	2	3.226	+ 16 51 17.0	69.3	2	18.57
4438	O. Arg. N. 11017 . .	6.5	31 45.41	69.3	2	3.622	+ 47 34 11.2	56.2	3	18.59
4439	φ^2 Hydræ	5.5	31 45.64	61.6	3	2.927	− 16 9 3.3	68.3	2	18.59
4440	Weisse (2) X, 642 . .	9.0	32 6.32	61.2	2	3.438	+ 36 13 17.0	61.4	5	18.60
4441	38 Ursæ Majoris . . .	5.2	10 32 20.76	63.0	3	+ 4.217	+ 66 26 52.9	58.3	2	− 18.61
4442	B. A. C. 3649 . . .	8.5	32 22.00	70.3	4	3.156	+ 9 34 14.1	70.3	2	18.61
4443	Lacaille 4384 . . .	7.1	32 34.84	63.3	3	2.655	− 39 56 37.5	68.3	2	18.61
4444	Weisse (2) X, 660 . .	7.0	32 35.59	60.1	5	3.339	+ 28 15 12.8	55.3	3	18.62
4445	Lacaille 4387 . . .	6.0	32 55.86	64.3	10	2.712	− 35 56 59.5	65.3	2	18.63
4446	O. Arg. N. 11041 . .	8.3	10 33 4.38	64.8	2	+ 4.077	+ 63 46 11.1	62.3	2	− 18.63
4447	Lacaille 4389 . . .	6.9	33 26.19	63.7	4	2.752	− 32 53 4.8	67.3	3	18.64
4448	Anonymous . . .	8.5	34 1.64	59.8	2	2.974	− 11 28 7.4	56.3	3	18.66
4449	Lacaille 4393 . . .	7.8	34 9.74	63.0	3	2.833	− 26 3 21.5	70.7	2	18.67
4450	Weisse X, 600 . . .	7.5	34 10.19	65.8	2	3.200	+ 14 42 29.5	69.3	2	18.67
4451	33 Sextantis	6.0	10 34 16.64	67.3	2	+ 3.063	− 1 0 25.5	70.3	2	− 18.67
4452	B. A. C. 3661 . . .	6.5*	34 20.11	59.8	2	3.382	+ 32 25 42.3	68.3	2	18.67
4453	Weisse X, 608 . . .	9.0*	34 24.	. .	.	3.199	+ 14 40 11.5	70.2	1	18.67
4454	Weisse (2) X, 693 . .	8.0	34 26.15	65.8	2	3.443	+ 37 15 0.2	55.6	3	18.67
4455	Anonymous . . .	8.5	34 27.89	67.9	3	2.720	− 35 51 36.2	69.3	2	18.62
4456	Lacaille 4399 . . .	6.5	10 34 28.32	63.0	3	+ 2.730	− 35 0 45.3	67.6	3	− 18.67
4457	Weisse (2) X, 696 . .	9.0	34 35.50	62.0	4	3.427	+ 36 6 33.7	62.7	4	18.68
4458	Weisse X, 618 . . .	8.0	34 54.55	61.2	4	3.167	+ 11 5 13.3	59.5	5	18.69
4459	Lacaille 4407 . . .	6.5	35 6.75	62.8	4	2.733	− 35 0 1.6	68.3	2	18.70
4460	Lacaille 4406 . . .	7.3	35 13.76	63.4	4	2.843	− 25 18 56.0	66.4	2	18.70
4461	Weisse (2) X, 711 . .	8.0	10 35 18.01	68.3	2	+ 3.400	+ 34 5 43.3	65.3	2	− 18.70
4462	34 Sextantis	6.7	35 23.66	62.3	13	3.108	+ 4 18 48.5	61.6	4	18.70
4463	Anonymous . . .	7.5	35 34.96	64.8	2	2.726	− 35 41 3.4	70.9	3	18.71
4464	Lacaille 4412 . . .	7.0	35 42.01	65.3	2	2.669	− 39 57 40.5	71.8	2	18.71
4465	B. A. C. 3671 . . .	5.5*	35 47.93	55.6	3	3.285	+ 23 55 11.5	53.2	12	18.72
4466	Weisse X, 637 . . .	8.3	10 35 57.57	62.6	3	+ 3.041	− 3 40 30.8	49.3	2	− 18.72
4467	Anonymous . . .	7.7	36 9.10	65.3	1	3.114	+ 5 2 5.9	71.3	2	18.73
4468	B. A. C. 3674 . . .	7.5*	36 9.58	59.3	3	2.871	− 22 49 3.8	54.3	2	18.73
4469	B. A. C. 3677 . . .	5.5	36 14.20	63.3	3	2.774	− 31 59 2.5	68.8	2	18.73
4470	Anonymous . . .	8.0	36 14.80	60.3	1	2.722	− 36 13 .	. .	.	18.73

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			h. m. s.			"	° ′ ″			"
4471	Anonymous . . .	8.2	10 36 20.50	67.3	2	+ 3.114	+ 4 58 59.6	71.3	2	— 18.73
4472	Anonymous . . .	8.5	36 34.92	65.0	3	2.729	— 35 46 7.0	70.3	1	18.74
4473	Lacaille 4419 . . .	6.4	36 46.46	66.8	2	2.786	— 31 1 3.5	68.9	3	18.75
4474	Anonymous . . .	9.5	36 47.96	66.3	2	3.421	+ 36 21 15.6	67.3	1	18.75
4475	Anonymous . . .	8.0	36 55.20	64.8	2	2.816	— 28 19 47.6	69.3	2	18.75
4476	Weisse X, 656 . . .	8.0	10 37 3.40	60.8	2	+ 3.165	+ 11 6 33.9	60.3	4	— 18.76
4477	O. Arg. S. 10840 . .	6.8	37 5.33	69.3	2	2.797	— 30 8 2.3	66.8	2	18.76
4478	Weisse (2) X, 754 . .	9.4	37 20.90	62.1	4	3.463	+ 39 40 31.1	56.2	3	18.77
4479	41 Ursæ Majoris . . .	5.8	37 34.21	68.8	2	3.830	+ 58 9 19.4	48.2	5	18.77
4480	Weisse X, 664 . . .	8.9	37 44.65	65.3	3	3.114	+ 5 4 23.8	65.3	2	18.78
4481	O. Arg. S. 10849 . .	6.3	10 37 45.72	64.5	4	+ 2.870	— 23 15 8.8	66.3	2	— 18.78
4482	Anonymous . . .	7.5	37 53.05	67.3	2	2.730	— 36 8	. .	.	18.78
4483	36 Sextantis	6.1	37 56.60	64.2	3	3.098	+ 3 13 22.7	68.2	2	18.78
4484	42 Leonis Minoris . .	4.5*	38 4.31	46.2	1	3.358	+ 31 25 6.5	69.3	2	18.79
4485	Weisse (2) X, 774 . .	8.6	38 7.85	66.3	2	3.417	+ 36 25 43.3	70.3	1	18.79
4486	Lacaille 4437 . . .	6.1	10 38 14.77	65.0	3	+ 2.730	— 36 11 45.7	68.8	4	— 18.79
4487	Lacaille 4438 . . .	7.3	38 17.94	63.3	3	2.715	— 37 24 28.1	71.8	2	18.79
4488	Weisse (2) X, 776 . .	8.1	38 19.89	64.3	4	3.416	+ 36 22 23.4	61.5	5	18.80
4489	Weisse X, 673 . . .	8.9	38 21.48	62.3	2	3.161	+ 10 45 28.2	57.3	3	18.80
4490	37 Sextantis	6.0	38 48.24	61.3	9	3.130	+ 7 6 37.7	64.8	2	18.81
4491	*k* Leonis	5.5	10 39 0.10	66.3	2	+ 3.195	+ 14 55 56.2	58.3	2	— 18.82
4492	Anonymous . . .	7.1	39 25.69	65.0	3	2.735	— 36 12 30.1	68.3	3	18.83
4493	Lacaille 4450 . . .	6.5	39 33.59	63.7	4	2.683	— 40 14 16.2	70.8	2	18.83
4494	O. Arg. S. 10872 . .	8.4	39 51.27	64.4	4	2.834	— 27 25 45.8	68.8	2	18.84
4495	O. Arg. S. 10874 . .	7.8	39 51.73	64.4	4	2.834	— 27 24 17.9	68.8	2	18.84
4496	Weisse X, 702 . . .	8.0	10 39 59.62	59.7	2	+ 3.187	+ 14 6 56.7	70.8	2	— 18.85
4497	Weisse X, 703 . . .	7.5	40 2.15	69.0	3	3.128	+ 7 5 2.9	67.8	2	18.85
4498	Weisse (2) X, 818 . .	6.0	40 25.88	69.3	2	3.431	+ 38 18 28.1	46.7	5	18.86
4499	Anonymous . . .	7.7	40 33.60	67.3	2	2.750	— 35 21 35.0	69.8	2	18.86
4500	Weisse X, 716 . . .	9.1	40 48.67	61.9	3	3.173	+ 12 37 42.3	66.3	1	18.87
4501	Anonymous . . .	8.8	10 40 52.33	68.3	2	+ 2.812	— 29 53 58.8	66.8	2	— 18.87
4502	O. Arg. S. 10887 . .	6.6	41 0.28	63.3	2	2.802	— 30 51 57.0	68.3	3	18.88
4503	Anonymous . . .	7.0	41 9.07	67.3	2	2.752	— 35 23 17.5	71.2	1	18.88
4504	43 Leonis Minoris . .	6.0*	41 13.52	50.3	1	3.334	+ 30 9 20.5	69.4	2	18.88
4505	Weisse (2) X, 830 . .	9.0	41 22.52	64.8	2	3.407	+ 36 38 48.7	55.3	2	18.89
4506	Lacaille 4463 . . .	5.6	10 41 40.85	63.3	3	+ 2.803	— 30 56 59.0	66.8	2	— 18.90
4507	Anonymous . . .	8.5	41 43.39	69.3	2	3.155	+ 10 30 33.3	57.3	1	18.90
4508	*l* Leonis	5.8	41 53.76	63.6	69	3.161	+ 11 17 5.9	60.0	11	18.90
4509	39 Sextantis	7.5*	41 57.00	60.1	2	3.006	— 8 22 38.5	54.3	3	18.90
4510	44 Leonis Minoris. . .	6.0*	42 11.58	59.2	2	3.316	+ 28 42 42.8	53.2	10	18.91

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			h. m. s.			″	° ′ ″			″
4511	Anonymous	9.0	10 42 27.37	69.3	2	+ 2.818	− 29 44 13.4	67.3	2	− 18.92
4512	42 Ursæ Majoris	5.5	42 33.67	69.4	2	3.842	+ 60 3 42.3	58.3	2	18.92
4513	O. Arg. S. 10906	6.3	42 34.59	64.3	2	2.855	− 26 4 35.3	66.8	2	18.92
4514	Weisse X, 757.	9.0	42 37.06	60.8	2	3.155	+ 10 33 50.7	65.3	3	18.92
4515	O. Arg. S. 10907	7.5	42 37.13	68.8	2	2.817	− 29 54 5.1	66.3	2	18.92
4516	Anonymous	8.0	10 42 45.89	64.3	1	+ 2.732	− 37 34 19.0	69.3	2	− 18.93
4517	O. Arg. S. 10912	8.0	42 48.03	68.8	2	2.819	− 29 48 44.3	65.0	4	18.93
4518	Lacaille 4480	7.0	42 58.83	63.8	2	2.722	− 38 25 53.9	68.8	2	18.93
4519	Anonymous	8.3	42 59.70	70.0	3	2.825	− 29 15 15.5	67.8	2	18.93
4520	Lacaille 4481	7.2	43 9.64	63.3	2	2.681	− 41 37 45.5	70.3	2	18.94
4521	B. A. C. 3719	6.0	10 43 26.40	66.8	2	+ 2.784	− 33 19 6.4	65.8	2	− 18.95
4522	Σ Cat. Gen. 1248	9.0	43 27.38	64.6	6	3.278	+ 25 11 32.1	68.2	2	18.95
4523	Weisse X, 801	7.0*	43 33.60	49.3	2	3.066	− 0 47 44.7	56.3	3	18.95
4524	B. A. C. 3720	9.0*	43 42.85	60.3	2	3.105	+ 4 19 52.0	54.3	3	18.95
4525	O. Arg. N. 11176	9.0	43 43.	. .	.	3.925	+ 62 53 3.9	66.8	2	18.95
4526	Weisse X, 781	7.0	10 43 46.64	66.3	2	+ 3.167	+ 12 19 15.0	69.3	2	− 18.96
4527	Lalande 20849	7.0*	43 51.19	71.3	2	4.310	+ 70 35 55.1	71.3	2	18.96
4528	Carrington 1611	10.0	43 55.	. .	.	6.095	+ 81 47 49.0	65.8	2	18.96
4529	Lacaille 4488	7.1	43 55.58	63.7	4	2.788	− 33 5 56.7	65.8	2	18.96
4530	Weisse X, 803	8.0	44 37.26	67.2	2	3.165	+ 12 5 59.7	69.3	2	18.98
4531	Dorpat 1482, (1st *)	9.0	10 44 51.97	64.9	6	+ 3.134	+ 8 12	. .	.	− 18.99
4532	Dorpat 1482, (2d *)	8.2	44 52.55	64.9	6	3.134	+ 8 12 15.7	67.0	3	18.99
4533	B. A. C. 3726	6.5	45 2.10	67.3	2	3.085	+ 1 46 1.5	68.3	1	18.99
4534	44 Ursæ Minoris	5.5*	45 4.28	67.3	2	3.693	+ 55 19 41.4	67.3	2	18.99
4535	Anonymous	8.8	45 12.58	64.8	2	3.134	+ 8 14 3.9	67.8	2	19.00
4536	O. Arg. S. 10933	7.2	10 45 15.44	64.3	3	+ 2.885	− 23 37 44.2	67.8	2	− 19.00
4537	46 Leonis Minoris	4.5	45 28.38	58.3	3	3.371	+ 34 58 6.6	62.3	2	19.00
4538	Weisse X, 822	8.5	45 29.02	63.0	3	3.163	+ 12 1 50.5	57.8	2	19.00
4539	O. Arg. S. 10936	8.8	45 34.09	69.3	2	2.832	− 29 20 11.1	64.3	1	19.01
4540	O. Arg. S. 10941	7.5	45 52.46	69.0	3	2.832	− 29 26 24.0	67.3	2	19.02
4541	O. Arg. S. 10944	7.9	10 46 0.42	66.8	2	+ 2.867	− 25 50 13.5	70.7	2	− 19.02
4542	Weisse X, 837	8.7	46 19.48	59.3	3	3.162	+ 12 3 17.9	57.8	2	19.03
4543	Anonymous	8.6	46 30.68	69.3	2	3.067	− 0 36 37.7	49.3	1	19.03
4544	Lacaille 4498	6.4	46 30.94	62.6	4	2.780	− 34 44 48.3	66.3	2	19.03
4545	B. A. C. 3732	6.0*	46 36.03	60.2	3	3.062	− 1 23 11.0	54.3	4	19.04
4546	O. Arg. S. 10952	7.0	10 46 37.42	69.8	2	+ 2.835	− 29 21 6.1	64.3	1	− 19.04
4547	β Hydræ	5.5*	46 38.68	59.8	4	2.924	− 19 23 10.0	65.3	2	19.04
4548	Lacaille 4503	7.5	46 42.59	64.3	3	2.723	− 39 40 25.7	70.2	2	19.04
4549	Weisse (2) X, 944	6.5	46 52.87	69.4	1	3.394	+ 37 30 17.5	46.3	1	19.04
4550	Anonymous	7.0	47 1.	. .	.	3.066	− 0 46 26.1	70.2	1	19.05

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			h. m. s.			"	° ′ ″			"
4551	Anonymous . . .	8.3	10 47 1.25	64.3	1	+ 2.889	− 23 35 19.2	67.8	2	− 19.05
4552	47 Leonis Minoris . .	7.0	47 10.64	60.8	4	3.362	+ 34 46 53.3	55.6	7	19.05
4553	Lacaille 4506 . . .	7.0	47 12.46	64.7	2	2.815	− 31 34 56.9	69.8	2	19.05
4554	Lacaille 4505 . . .	7.5	47 16.29	64.1	3	2.868	− 26 0 7.8	65.8	2	19.05
4555	Anonymous . . .	6.5	47 24 23	67.6	3	2.794	− 33 46 13.2	71.3	1	19.06
4556	Weisse X, 859 . . .	8.0	10 47 25.38	59.2	2	+ 3.066	− 0 46 25.9	55.9	6	− 19.06
4557	B. A. C. 3737 . . .	6.2	47 29.43	64.3	4	3.120	+ 6 35 31.5	55.3	2	19.06
4558	Lacaille 4508 . . .	7.0	47 30.00	63.2	2	2.693	− 42 22 22.9	70.3	2	19.06
4559	Anonymous . . .	7.7	47 36.23	64.2	2	2.828	− 30 24 9.7	69.8	2	19.06
4560	Radcliffe 2582 . . .	6.5	47 50.31	62.2	2	3.741	+ 58 14 58.9	69.3	2	19.07
4561	Weisse (2) X, 963 . .	7.8	10 47 55.96	68.3	2	+ 3.255	+ 23 54 36.3	68.3	2	− 19.07
4562	Weisse (2) X, 961 . .	9.0	47 57.79	60.7	2	3.376	+ 35 49 1.2	56.2	2	19.07
4563	B. A. C. 3741 . . .	6.0*	47 58.51	59.2	2	3.353	+ 34 15 11.7	50.3	4	19.07
4564	54 Leonis, (1st *) . .	6.8	48 1.61	65.2	11	3.269	+ 25 29 44.6	65.8	2	19.07
4565	54 Leonis, (2d *) . .	8.1	48 2.11	65.3	10	3.269	+ 25 29 40.5	68.8	2	19.08
4566	Anonymous . . .	8.5	10 48 7.88	69.3	2	+ 3.067	− 0 40 46.7	49.3	1	− 19.08
4567	O. Arg. S. 10974 . .	7.7	48 12.51	64.3	1	2.838	− 29 35 29.3	67.3	2	19.08
4568	55 Leonis	6.0	48 30.23	64.1	2	3.083	+ 1 28 55.0	70.3	2	19.09
4569	Weisse X, 879 . . .	9.0	48 32.74	60.8	2	2.966	− 14 31 30.5	55.3	3	19.09
4570	Anonymous		48 33.96	63.3	1	2.825	− 31 3 21.5	67.3	1	19.09
4571	Lacaille 4516 . . .	7.4	10 48 45.34	62.3	3	+ 2.870	− 26 13 57.5	64.8	2	− 19.09
4572	Lalande 21014 . . .	7.6	48 47.26	64.4	4	3.254	+ 23 59 53.2	69.4	1	19.10
4573	O. Arg. N. 11258 . .	9.0	48 53.62	69.3	2	3.524	+ 47 56 52.4	56.3	2	19.10
4574	Lalande 21026 . . .	8.0	48 57.27	55.8	5	3.066	− 0 52 21.9	54.9	7	19.10
4575	Lacaille 4519 . . .	6.8	49 14.42	64.7	5	2.828	− 31 2 26.6	66.8	2	19.11
4576	Lalande 21025 . . .	8.3	10 49 15.82	61.7	4	+ 3.366	+ 35 56 42.7	56.2	3	− 19.11
4577	O. Arg. N. 11279 . .	8.0	49 40.44	63.2	2	3.772	+ 60 1 49.6	62.3	1	19.12
4578	Weisse (2) X, 994 . .	7.3	49 41.23	64.8	4	3.259	+ 24 53 18.0	65.3	2	19.12
4579	Lalande 21042 . . .	9.0	50 11.20	62.1	3	3.362	+ 35 54 28.0	56.3	2	19.13
4580	B. A. C. 3755 . . .	4.8	50 11.95	64.5	4	2.776	− 36 23 12.9	70.3	2	19.13
4581	O. Arg. S. 11003 . .	7.5	10 50 14.38	63.3	4	2.836	− 30 27 22.5	66.3	2	− 19.13
4582	Anonymous . . .	7.5	50 18.28	63.3	2	2.720	− 41 17 38.9	68.8	2	19.14
4583	Anonymous . . .	8.3	50 22.30	64.8	2	2.862	− 27 43 43.1	68.3	2	19.14
4584	Weisse X, 914 . . .	7.8	50 52.84	61.4	5	3.145	+ 10 26 56.1	59.3	4	19.15
4585	Weisse (2) X, 1017. .	8.5	51 5.17	67.3	2	3.237	+ 22 37 2.0	68.3	2	19.16
4586	Weisse (2) X, 1022. .	9.0	10 51 13.46	62.8	2	+ 3.358	+ 35 52 58.7	56.3	2	− 19.16
4587	O. Arg. S. 11015 . .	8.4	51 17.39	64.6	3	2.866	− 27 34 3.1	69.8	2	19.16
4588	Lacaille 4535 . . .	6.8	51 35.32	66.3	2	2.727	− 41 17 28.8	69.3	2	19.17
4589	Weisse (2) X, 1029. .	8.4	51 39.01	68.3	2	3.387	+ 38 45 1.2	48.3	1	19.17
4590	Lalande 21081 . . .	6.3	51 43.42	68.8	2	3.366	+ 36 50 39.1	47.3	1	19.17

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			h. m. s.			″	° ′ ″			″
4591	O. Arg. S. 11020 . .	7.7	10 51 47.32	64.3	2	+ 2.902	− 23 27 6.7	69.3	2	− 19.17
4592	Anonymous . . .	7.3	52 17.59	65.0	3	2.911	− 22 30 16.0	69.0	3	19.19
4593	Anonymous . . .	7.6	52 29.77	66.3	2	2.809	− 34 7 40.4	70.8	2	19.19
4594	Anonymous . . .	7.8	52 37.52	64.3	3	2.793	− 35 45 15.3	70.3	2	19.20
4595	Lacaille 4539 . . .	7.5	52 39.50	62.7	3	2.883	− 26 1 9.9	64.4	2	19.20
4596	Carrington 1637 . .	8.0	10 52 55.92	69.3	2	+ 57.46	+ 81 47 34.4	67.6	2	− 19.20
4597	O. Arg. N. 11325 . .	7.4	52 57.60	61.0	4	3.507	+ 48 25 58.2	62.3	2	19.20
4598	Anonymous		53 6.	. .	.	2.986	+ 12 34 42.0	71.2	1	19.21
4599	Lacaille 4543 . . .	7.0	53 12.93	65.8	2	2.809	− 34 23 37.9	68.3	2	19.21
4600	*d* Leonis	4.0	53 19.70	62.4	9	3.101	+ 4 22 6.4	57.7	8	19.21
4601	*β* Ursæ Majoris . . .	4.0	10 53 22.29	65.5	5	+ 3.665	+ 57 7 52.5	64.1	4	− 19.21
4602	Weisse X, 957 . . .	7.8	53 23.97	65.4	1	3.102	+ 4 29	. .	.	19.21
4603	*c* Leonis	5.5*	53 29.32	61.2	4	3.118	+ 6 51 11.6	66.8	2	19.22
4604	Lacaille 4553 . . .	6.0	53 52.47	66.3	2	2.723	− 42 30 2.3	71.0	2	19.23
4605	B. A. C. 3773 . . .	7.0*	53 53.55	60.3	2	3.077	+ 0 47 55.1	67.3	2	19.23
4606	B. A. C. 3774 . . .	6.2	10 54 2.32	63.3	2	+ 2.843	− 31 5 31.0	66.8	2	− 19.23
4607	Lacaille 4558 . . .	6.3	54 25.96	64.6	3	2.758	− 39 44 49.8	68.8	2	19.24
4608	p^1 Leonis	5.5*	54 41.20	63.1	6	3.061	− 1 43 54.9	67.3	2	19.25
4609	Anonymous . . .	8.7	55 3.09	70.0	4	3.134	+ 9 21 36.1	57.8	2	19.26
4610	*a* Ursæ Majoris . . .	2.0*	55 3.49	53.3	120	3.790	+ 62 30 21.4	53.3	123	19.26
4611	Anonymous . . .	8.2	10 55 7.79	65.0	4	+ 2.828	− 33 9 25.3	65.8	2	− 19.26
4612	Weisse X, 987 . . .	7.8	55 14.86	60.3	3	3.137	+ 9 55 30.5	59.3	5	19.26
4613	Lacaille 4566 . . .	6.5	55 28.52	65.8	2	2.791	− 37 4 55.3	65.3	2	19.27
4614	B. A. C. 3778 . . .	6.0	55 37.99	64.0	7	2.891	− 26 4 31.7	65.4	2	19.27
4615	Lalande 21947 . . .	7.4	55 39.99	69.1	5	3.350	+ 36 53 39.3	69.8	6	19.27
4616	Lacaille 4567 . . .	6.2	10 55 45.74	64.3	2	+ 2.758	− 40 21 39.3	68.8	2	− 19.27
4617	B. A. C. 3779 . . .	6.0	56 4.83	64.3	2	3.072	+ 0 0 14.5	68.2	2	19.28
4618	Weisse (2) X, 1123. .	9.0	56 18.88	63.3	2	3.329	+ 34 58 37.8	58.0	4	19.29
4619	Weisse X, 1006. . .	8.3	56 26.26	64.0	4	3.133	+ 9 28 58.9	57.6	3	19.29
4620	p^2 Leonis	6.0*	56 26.49	65.3	1	3.077	+ 0 45 8.7	69.6	3	19.29
4621	B. A. C. 3781 . . .	7.0	10 56 29.02	60.3	2	+ 3.375	+ 39 37 16.9	53.2	8	− 19.29
4622	Lacaille 4570 . . .	7.0	56 31.79	66.3	2	2.888	− 26 45 54.2	70.2	2	19.29
4623	B. A. C. 3783 . . .	6.0	56 36.03	66.3	2	2.851	− 31 12 25.7	66.3	2	19.29
4624	Anonymous . . .	8.2	56 51.08	71.3	2	3.077	+ 0 43 22.6	70.2	1	19.30
4625	Weisse X, 1025. . .	6.5	57 12.04	67.3	2	3.158	+ 13 25 16.3	71.3	2	19.31
4626	O. Arg. N. 11397 . .	7.0	10 57 12.22	62.3	2	+ 3.909	+ 66 37 46.9	62.3	2	− 19.31
4627	Lacaille 4576 . . .	7.0	57 37.58	64.0	3	2.775	− 39 33 17.2	67.8	2	19.32
4628	Anonymous . . .	9.2	57 40.77	64.8	2	3.319	+ 34 33 7.0	65.8	2	19.32
4629	*χ* Leonis	5.0*	57 47.58	62.7	52	3.123	+ 8 5 31.3	60.7	5	19.32
4630	B. A. C. 3792 . . .	5.6	58 17.79	67.8	2	2.823	− 35 3 2.9	66.8	2	19.33

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			h. m. s.			"	° ′ ″			"
4631	Lalande 21258 . . .	8.0	10 58 27.22	68.3	2	+ 3.418	+ 44 14 51.0	70.6	3	— 19.34
4632	Weisse X, 1044 . .	7.8	58 29.32	65.3	1	3.156	+ 13 19 23.7	70.3	2	19.34
4633	O. Arg. S. 11114 . .	9.0	58 29.58	69.3	5	2.870	− 29 40 54.3	70.2	2	19.34
4634	Anonymous . . .	9.5	58 35.55	71.3	2	2.869	− 29 46 43.6	69.3	2	19.34
4635	Weisse X, 1049 . .	8.4	58 47.49	64.7	4	3.157	+ 13 33 34.4	67.8	2	19.34
4636	Schjellerup 4037 . .	8.5	10 58 55.29	67.3	2	+ 3.141	+ 11 3 47.6	69.3	2	— 19.35
4637	Weisse X, 1060 . .	7.3	59 11.24	66.8	2	3.156	+ 13 27 33.8	67.8	2	19.35
4638	p^3 Leonis	5.7	59 45.59	63.6	3	3.088	+ 2 42 51.4	66.3	2	19.37
4639	Weisse (2) X, 1196. .	6.8	59 52.28	68.3	2	3.338	+ 37 32 33.5	47.3	2	19.37
4640	Weisse X, 1075 . .	7.8	59 54.42	64.6	7	3.139	+ 10 58 7.8	60.6	3	19.37
4641	Weisse X, 1076 . .	9.0	11 0 4.73	63.2	1	+ 3.139	+ 10 57 6.5	68.3	2	— 19.37
4642	O. Arg. S. 11147 . .	7.3	0 8.89	64.3	5	2.874	− 29 47 48.4	65.3	3	19.38
4643	Anonymous . . .	. .	0 27.	. .	.	2.851	− 32 47 53.2	70.8	2	19.38
4644	Lacaille 4599 . . .	6.3	0 27.65	63.3	3	2.859	− 31 49 45.3	69.3	2	19.38
4645	Anonymous . . .	8.6	0 29.58	69.3	2	2.882	− 28 55 57.1	66.8	2	19.38
4646	Weisse X, 1087 . .	9.5	11 0 30.09	64.2	2	+ 3.139	+ 10 58 33.9	68.9	3	— 19.38
4647	Anonymous . . .	6.8	0 32.22	60.3	2	2.851	− 32 49	. .	.	19.39
4648	Weisse X, 1090 . .	9.0	0 40.31	66.3	2	3.138	+ 10 57 12.7	69.8	2	19.39
4649	O. Arg. S. 11154 . .	6.6	0 41.77	64.3	3	2.892	− 27 44 5.7	65.6	3	19.39
4650	Weisse (2) X, 1221 .	8.6	0 52.64	63.3	2	3.315	+ 35 28 25.6	67.8	2	19.39
4651	Anonymous . . .	7.8	11 1 16.30	67.3	2	+ 2.786	− 40 11	. .	.	— 19.40
4652	Lacaille 4607 . . .	6.9	1 16.60	64.5	4	2.811	− 37 39 3.0	68.3	2	19.40
4653	Anonymous . . .	. .	1 24.	. .	.	2.786	− 40 10 45.3	71.2	1	19.40
4654	Lacaille 4609 . . .	6.0	1 30.80	63.8	2	2.883	− 29 12 53.1	67.3	2	19.41
4655	B. A. C. 3811 . . .	6.5	1 36.31	68.3	2	3.327	+ 37 4 5.3	46.8	4	19.41
4656	ψ Ursæ Majoris . . .	3.5*	11 1 46.79	62.2	3	+ 3.411	+ 45 15 25.4	60.9	3	— 19.41
4657	Lacaille 4614 . . .	7.0	1 54.55	65.3	3	2.886	− 28 59 22.3	65.8	2	19.41
4658	Lacaille 4616 . . .	7.5	2 5.36	65.0	3	2.804	− 38 42 55.1	69.8	2	19.42
4659	O. Arg. N. 11496 . .	8.8	2 16.73	65.0	4	3.641	+ 59 39 9.2	68.3	2	19.42
4660	Weisse (2) XI, 6 . .	7.0*	2 18.14	59.2	2	3.291	+ 33 17 21.7	55.3	3	19.42
4661	Weisse (2) XI, 16 . .	7.9	11 2 31.51	62.6	3	+ 3.314	+ 36 5 39.3	67.3	2	— 19.43
4662	O. Arg. S. 11188 . .	8.6	2 38.39	64.2	3	2.916	− 25 13 49.3	69.3	2	19.43
4663	Lacaille 4624, (1st *) .	8.5	3 12.39	69.0	3	2.891	− 28 50 30.4	68.3	3	19.44
4664	Lacaille 4624, (2d *) .	7.6	3 13.27	68.8	4	2.891	− 28 50 30.4	68.3	3	19.44
4665	B. A. C. 3823 . . .	6.5	3 13.36	68.3	2	2.890	− 29 2 7.2	67.0	3	19.44
4666	Rumker 3457 . . .	7.4	11 3 14.34	60.3	3	+ 3.122	+ 8 39 1.7	69.0	3	— 19.44
4667	O. Arg. N. 11518 . .	7.2	3 23.07	65.1	6	3.631	+ 59 39 28.5	66.3	3	19.45
4668	O. Arg. S. 11208 . .	6.8	3 41.76	64.1	7	2.919	− 25 14 5.1	66.6	3	19.45
4669	Lacaille 4633 . . .	6.7	3 51.97	63.3	3	2.871	− 31 48 19.0	68.8	2	19.46
4670	Anonymous . . .	. .	4 10.28	63.9	1	3.760	+ 0 40	. .	.	19.46

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			h. m. s.			″	° ′ ″			″
4671	Weisse (2) XI, 53 . .	8.7	11 4 23.39	62.6	2	+ 3.303	+ 35 45 59.7	68.4	2	— 19.47
4672	Anonymous . . .	9.0	4 27.33	64.3	1	2.920	— 25 23 . .	.		19.47
4673	O. Arg. S. 11216 . .	7.0	4 27.51	66.3	3	2.921	— 25 9 51.4	69.3	2	19.47
4674	Weisse (2) XI, 58 . .	8.8	4 31.84	60.8	2	3.283	+ 33 22 32.4	70.8	2	19.47
4675	Weisse (2) XI, 74 . .	7.8	4 54.47	69.3	2	3.308	+ 36 34 50.6	46.6	5	19.48
4676	Weisse (2) XI, 80 . .	7.2	11 5 4.48	69.3	2	+ 3.308	+ 36 35 26.9	46.8	4	— 19.48
4677	(* 124) Washington .	9.3	5 7.99	64.8	2	3.608	+ 59 24 23.9	65.3	1	19.48
4678	Lacaille 4638 . . .	7.0	5 8.29	64.4	6	2.922	+ 25 22 26.5	64.8	2	19.48
4679	Anonymous . . .	9.0	5 11.82	65.3	1	3.607	+ 59 24 . .	.		19.49
4680	Weisse XI, 61 . . .	8.0	5 25.39	61.3	2	3.131	+ 10 37 32.3	61.0	3	19.49
4681	Lacaille 4642 . . .	6.4	11 5 30.32	63.8	4	+ 2.878	— 31 40 28.0	68.3	2	— 19.49
4682	O. Arg. S. 11226 . .	7.0	5 32. . .	.		2.897	— 29 1 20.3	68.3	2	19.49
4683	Anonymous . . .	9.5	5 36.39	69.3	1	3.862	+ 68 17 48.8	70.3	2	19.49
4684	Weisse (2) XI, 90 . .	7.0	5 43.64	60.2	2	3.285	+ 34 12 24.6	55.3	2	19.50
4685	Weisse (2) XI, 98 . .	9.0	6 4.10	67.3	2	3.194	+ 21 20 58.6	70.3	2	19.50
4686	Anonymous . . .	9.5	11 6 21.92	67.4	2	+ 3.850	+ 68 16 15.8	70.3	2	— 19.51
4687	Lacaille 4646 . . .	7.2	6 22.36	63.3	2	2.923	— 25 42 16.0	68.4	1	19.51
4688	p^5 Leonis	5.5*	6 35.55	62.5	9	3.076	+ 0 41 28.6	58.3	2	19.51
4689	δ Leonis	2.3*	6 39.46	56.7	183	3.192	+ 21 17 26.1	51.5	68	19.52
4690	B. A. C. 3837 . . .	6.6	6 45.29	62.0	4	3.120	+ 8 49 33.5	60.3	3	19.52
4691	F. Lalande 1831, (1st *)	7.7	11 6 55.90	71.3	3	+ 4.159	+ 74 13 58.4	71.3	2	— 19.52
4692	F. Lalande 1831, (2d *)	7.7	6 57.75	71.3	3	4.154	+ 74 13 58.4	71.3	2	19.52
4693	Anonymous . . .	8 5	7 8.56	65.3	1	3.590	+ 59 26 53.4	71.3	1	19.53
4694	O. Arg. N. 11584 . .	7.6	7 21.30	65.0	3	3.378	+ 58 58 39.5	69.8	2	19.53
4695	Weisse (2) XI, 118. .	6.9	7 21.82	68.3	2	3.313	+ 38 20 26.8	46.3	2	19 53
4696	Anonymous . . .	9.8	11 7 23.15	67.4	2	+ 3.837	+ 68 18 8.7	70.3	2	— 19.53
4697	O. Arg. N. 11590 . .	7.5	7 40.02	65.3	4	3.903	+ 69 58 54.5	66.8	2	19.54
4698	Weisse (2) XI, 126. .	9.2	7 40.14	61.5	4	3.268	+ 32 55 23.5	61.8	2	19.54
4699	72 Leonis	5.0*	7 45.06	60.1	2	3.206	+ 23 51 28.0	53.2	6	19.54
4700	O. Arg. S. 11250 . .	7.5	7 46.02	63.6	3	2.929	— 25 18 44.5	64.7	2	19.54
4701	Anonymous . . .	7.7	11 7 55.02	65.8	2	+ 2.922	— 26 32 47.9	69.3	2	— 19.54
4702	Lacaille 4665 . . .	6.4	8 19.14	63.3	3	2.881	— 32 33 27.5	69.3	2	19.55
4703	Lacaille 4667 . . .	6.6	8 30.03	67.6	3	2.833	— 38 42 51.6	65.3	2	19.55
4704	Lacaille 4668 . . .	7.6	8 35.68	66.8	2	2.842	— 37 40 42.6	68.0	3	19.55
4705	Anonymous . . .	9.1	8 40.82	69.3	2	3.137	+ 12 22 14.5	55.3	2	19.56
4706	B. A. C. 3846 . . .	6.0*	11 8 47.42	60.3	2	+ 3.428	+ 50 14 21.2	53.3	3	— 19.56
4707	O. Arg. N. 11619 . .	9.0	8 49.88	67.3	2	3.883	+ 69 57 8.7	68.3	1	19.56
4708	Lacaille 4669 . . .	7.0	8 53.94	69.3	3	2.845	— 37 29 44.0	68.6	3	19.56
4709	Weisse XI, 133 . .	8.0*	9 3. . .	.		3.058	— 2 42 34.2	67.8	2	19.56
4710	O. Arg. S. 11267 . .	7.6	9 5.46	64.3	2	2.901	— 30 5 7.7	70.2	2	19.56

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			h. m. s.			″	° ′ ″			″
4711	Rumker 3497 . . .	7.0	11 9 9.29	68.8	2	+ 3.604	+ 61 2 6.7	65.3	2	— 19.56
4712	Lacaille 4672 . . .	7.0*	9 11.89	69.4	2	2.838	— 38 34 4.7	67.3	2	19.57
4713	Weisse XI, 137. . .	8.0	9 26.09	63.3	1	3.057	— 2 52 40.1	70.3	4	19.57
4714	ϕ Leonis	4.5	9 32.69	63.4	13	3.057	— 2 53 14.7	67.3	3	19.57
4715	Lacaille 4680 . . .	6.9	10 12.42	67.6	3	2.850	— 37 38 10.8	65.3	2	19.58
4716	Weisse (2) XI, 182 . .	8.0	11 10 23.46	66.3	2	+ 32.82	+ 36 12 27.6	69.3	2	— 19.59
4717	ξ Ursæ Majoris, (1st *) .	4.3*	10 42.32	59.3	3	3.252	+ 32 19 1.5	55.3	2	19.59
4718	ξ Ursæ Majoris, (2d *) .	4.3*	10 42.66	59.3	2	3.252	+ 32 19 1.5	55.3	2	19.59
4719	Lacaille 4687 . . .	7.1	10 52.46	63.3	2	2.889	— 32 46 15.4	65.8	2	19.60
4720	Weisse (2) XI, 200 . .	7.2	11 11.68	62.8	2	3.279	+ 36 15 13.5	69.3	2	19.60
4721	O. Arg. S. 11291 . .	7.1	11 11 23.36	66.7	2	+ 2.924	— 27 40 15.3	67.8	2	— 19.61
4722	Lacaille 4693 . . .	5.7	11 42.73	64.2	2	2.950	— 23 34 42.1	67.3	2	19.61
4723	δ Crateris	3.4*	12 20.67	56.0	141	3.003	— 14 1 19.2	50.5	46	19.62
4724	Lamont 3284 . . .	7.5	12 22.03	67.2	2	3.075	+ 0 34 57.9	69.8	2	19.62
4725	Lacaille 4703 . . .	7.6	12 30.33	67.3	2	2.843	— 39 44 6.5	70.3	2	19.63
4726	O. Arg. S. 11304 . .	7.5	11 12 35.39	66.8	2	+ 2.928	— 27 42 34.0	67.8	2	— 19.63
4727	O. Arg. N. 11674 . .	8.5	12 35.73	65.0	6	3.943	+ 72 29 28.8	67.3	2	19.63
4728	O. Arg. S. 11311 . .	7.9	13 7.17	69.3	3	2.917	— 29 40 52.1	67.6	2	19.64
4729	Weisse XI, 211. . .	8.5	13 9.40	66.8	2	3.004	— 14 0 8.4	70.3	2	19.64
4730	Anonymous. . . .	9.0	13 27.28	67.3	2	3.119	+ 9 56	. .	.	19.64
4731	O. Arg. S. 11318 . .	6.5	11 13 29.74	64.3	2	+ 2.931	— 27 34 0.3	67.9	2	— 19.64
4732	Weisse XI, 217. . .	9.3	13 30.22	61.7	2	3.015	— 11 54 30.3	55.8	4	19.64
4733	O. Arg. S. 11320 . .	7.9	13 33.81	65.0	3	2.944	— 25 23 17.6	70.4	2	19.65
4734	Lacaille 4709 . . .	7.5	13 42.82	63.3	2	2.908	— 31 20 10.1	68.3	2	19.65
4735	Weisse XI, 221. . .	8.0	13 47.53	62.2	2	3.109	+ 7 49 56.9	61.0	3	19.65
4736	Anonymous . . .	8.5	11 13 54.63	65.4	2	+ 3.269	+ 36 24	. .	.	— 19.65
4737	σ Leonis	4.0*	13 55.05	58.8	7	3.104	+ 6 47 45.4	61.0	3	19.65
4738	Lacaille 4710 . . .	8.0	13 56.49	69.3	1	2.885	— 34 57 6.8	67.4	2	19.65
4739	Anonymous . . .	. .	14 3.31	70.8	2	3.282	+ 38 17 25.4	46.3	1	19.65
4740	Weisse XI, 233. . .	8.0	14 21.77	61.3	2	3.095	+ 4 58 30.2	57.2	2	19.66
4741	Lacaille 4713 . . .	6.8	11 14 23.55	63.8	4	+ 2.889	— 34 45 31.2	67.3	2	— 19.66
4742	Weisse XI, 234 . . .	7.8	14 25.68	60.6	3	3.109	+ 7 59 24.6	57.3	3	19.66
4743	Lalande 21645 . . .	8.0*	14 30.12	70.3	1	3.016	— 11 56 1.5	59.0	6	19.66
4744	Weisse (2) XI, 257, (1st *)	8.5	14 30.46	69.3	1	3.277	+ 37 51 20.8	46.3	1	19.66
4745	Weisse (2) XI, 257, (2d *)	8.5	14 30.72	69.3	1	3.277	+ 37 51 20.8	46.3	1	19.66
4746	Lacaille 4714 . . .	8.0	11 14 33.49	65.3	2	+ 2.927	— 28 49 39.6	72.1	5	— 19.66
4747	Weisse XI, 235. . .	7.0	14 35.03	67.3	2	3.118	+ 9 56 9.1	64.8	2	19.66
4748	71 Leonis	6.0*	15 9.12	60.3	2	3.158	+ 18 12 16.1	64.3	2	19.67
4749	Weisse XI, 253 . .	7.6	15 29.67	62.8	2	3.018	— 11 53 5.5	61.3	2	19.68
4750	Anonymous . . .	7.0	15 38.29	68.8	2	2.868	— 38 20 15.8	67.3	2	19.68

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4751	O. Arg. S. 11344 . .	8.2	11 15 39.58	64.2	4	+ 2.963	− 22 57 47.3	67.8	2	− 19.68
4752	Weisse (2) XI, 258 . .	8.3	15 50.89	61.3	1	3.094	+ 4 54 17.2	61.8	2	19.69
4753	Weisse XI, 261. . .	9.2	16 1.28	64.0	4	3.090	+ 3 55 45.3	67.3	1	19.69
4754	Lacaille 4725 . . .	7.6	16 12.81	63.9	5	2.936	− 28 7 45.9	65.3	2	19.69
4755	Weisse (2) XI, 293. .	6.2	16 18.73	68.3	2	3.270	+ 38 0 10.5	46.3	2	19.69
4756	O. Arg. S. 11353 . .	7.0	11 16 22.69	64.2	4	+ 2.965	− 22 56 22.2	65.8	2	− 19.69
4757	B. A. C. 3875 . . .	5.5	16 26.20	64.8	2	2.892	− 35 23 50.7	69.3	2	19.70
4758	ι Leonis	5.0	16 37.51	62.9	4	3.122	+ 11 17 58.5	67.3	2	19.70
4759	Lacaille 4732 . . .	7.0	16 59.46	65.3	3	2.949	− 26 11 27.7	71.3	3	19.70
4760	Weisse (2) XI, 312 . .	8.7	17 13.59	69.0	3	3.226	+ 31 46 36.6	62.8	2	19.71
4761	Weisse XI, 284 . .	7.6	11 17 33.59	64.2	7	+ 3.084	+ 2 51 53.1	65.2	2	− 19.71
4762	Lacaille 4735 . . .	7.3	17 42.39	63.3	3	2.910	− 33 31 3.2	70.0	4	19.72
4763	O. Arg. S. 11370 . .	8.0	18 21.93	65.2	2	2.954	− 26 6 6.3	71.3	2	19.73
4764	80 Leonis	6.5	18 38.30	59.2	2	3.092	+ 4 37 49.9	55.3	2	19.73
4765	Weisse XI, 318. . .	7.0	18 51.36	59.7	2	3.017	− 12 58 55.9	69.3	2	19.73
4766	Weisse (2) XI, 340 . .	8.0	11 18 52.50	59.3	2	+ 3.164	+ 21 10 6.4	69.4	2	− 19.73
4767	O. Arg. S. 11374 . .	8.2	18 53.50	66.8	2	2.959	− 25 15 36.4	70.3	2	19.74
4768	B. A. C. 3892 . . .	6.2	19 3.01	62.1	3	3.112	+ 9 25 46.1	62.6	4	19.74
4769	Weisse (2) XI, 344. .	8.0	19 6.52	60.0	5	3.164	+ 21 17 23.2	62.8	2	19.74
4770	Rumker 3575 . . .	9.5	19 11.18	64.3	2	3.152	+ 18 37 34.7	71.3	1	19.74
4771	83 Leonis, (1st *) . . .	7.1	11 19 39.91	64.1	8	+ 3.088	+ 3 46 34.8	67.3	3	− 19.75
4772	83 Leonis, (2d *) . . .	8.0	19 40.88	64.1	8	3.087	+ 3 46 10.0	68.8	2	19.75
4773	Lacaille 4746 . . .	7.2	19 55.40	64.3	1	2.894	− 37 23 18.9	70.8	2	19.75
4774	O. Arg. S. 11394 . .	8.3	20 23.68	64.2	2	2.974	− 23 2 46.8	70.4	2	19.76
4775	Lacaille 4749 . . .	6.7	20 41.92	63.4	2	2.965	− 25 5 31.4	64.8	2	19.76
4776	τ Leonis	4.0*	11 20 44.25	65.9	28	+ 3.086	+ 3 37 37.0	57.1	3	− 19.76
4777	B. A. C. 3901 . . .	6.0	20 44.67	47.3	1	3.068	− 0 55 47.9	68.3	2	19.76
4778	Weisse XI, 349 . .	7.3	20 45.15	65.5	9	3.086	+ 3 36 4.6	71.3	2	19.76
4779	B. A. C. 3902 . . .	7.0*	20 45.69	60.3	4	3.124	+ 12 44 37.9	54.3	3	19.76
4780	B. A. C. 3903 . . .	6.3	20 53.60	64.3	1	3.072	− 0 7 38.2	68.8	2	19.77
4781	Anonymous . . .	7.1	11 21 6.54	64.2	2	+ 2.915	− 34 46 45.7	69.3	2	− 19.77
4782	Lacaille 4753 . . .	6.0	21 8.48	63.3	2	2.917	− 34 33 33.3	68.3	2	19.77
4783	Weisse XI, 365 . .	6.4	21 14.39	66.8	2	3.086	+ 3 33 21.8	70.3	2	19.77
4784	O. Arg. S. 11410 . .	7.0	21 25.66	64.2	3	2.977	− 23 3 19.7	70.0	3	19.77
4785	B. A. C. 3906 . . .	6.0	21 50.24	46.3	1	4.629	+ 81 53 51.7	69.3	2	19.78
4786	B. A. C. 3909 . . .	5.8	11 22 14.66	66.8	2	+ 3.072	− 0 4 42.0	69.8	2	− 19.78
4787	B. A. C. 3911 . . .	6.8	22 25.96	60.5	5	3.104	+ 8 22 17.2	69.7	3	19.79
4788	(* 123) Washington .	9.0	22 38.99	65.1	5	3.749	+ 72 13 26.2	65.2	2	19.79
4789	Lacaille 4758 . . .	6.6	22 41.82	64.3	2	2.960	− 27 15 35.7	68.4	1	19.79
4790	Weisse (2) XI, 416. .	6.5	22 43.84	68.3	2	3.246	+ 38 43 32.8	46.3	2	19.79

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4791	Weisse XI, 390. . .	8.1	11 22 47.36	64.2	2	+ 3.087	+ 3 58 40.8	68.3	3	— 19.79
4792	Lacaille 4760 . . .	6.0	22 53.39	66.8	2	2.906	— 37 41 9.1	68.3	2	19.79
4793	58 Ursæ Majoris . . .	7.0	22 55.81	62.3	2	3.280	+ 43 56 28.6	67.9	2	19.79
4794	λ Draconis	3.5*	23 2.99	52.2	11	3.665	+ 70 6 11.2	63.2	10	19.80
4795	*e* Leonis	4.5*	23 9.73	61.7	9	3.064	— 2 13 54.8	62.3	4	19.80
4796	86 Leonis	5.5*	11 23 10.48	59.8	2	+ 3.146	+ 19 10 49.2	56.3	3	— 19.80
4797	O. Arg. S. 11438 . .	6.5	23 23.57	63.9	3	2.973	— 25 1 37.6	64.0	3	19.80
4798	Weisse XI, 403 . .	7.7	23 43.35	65.0	3	3.050	— 5 56 50.3	69.3	2	19.81
4799	Lacaille 4766 . . .	6.6	23 55.10	64.0	3	2.905	— 38 27 51.8	65.0	3	19.81
4800	O. Arg. S. 11444 . .	7.6	24 3.55	64.2	3	2.974	— 25 7 40.6	67.3	2	19.81
4801	Anonymous. . . .	9.0	11 24 6.91	66.3	2	+ 2.954	— 29 30	. .	.	— 19.81
4802	O. Arg. S. 11446 . .	7.5	24 7.61	64.3	2	2.961	— 28 1 28.1	70.8	2	19.81
4803	B. A. C. 3917 . . .	7.3	24 11.38	63.7	7	3.086	+ 3 50 9.7	66.4	1	19.81
4804	Rumker 3615 . . .	6.0	24 13.05	60.0	4	3.142	+ 18 31 22.0	59.3	3	19.81
4805	Weisse XI, 412. . .	8.2	24 26.54	59.3	2	3.103	+ 8 38	. .	.	19.81
4806	Lalande 21902 . . .	6.5*	11 24 43.	. .	.	+ 3.227	+ 37 1 14.3	47.3	1	— 19.82
4807	Anonymous . . .	9.2	24 45.28	65.4	3	3.075	+ 0 46 46.5	65.3	1	19.82
4808	B. A. C. 3920 . . .	6.5	24 49.48	64.8	2	3.052	— 5 41 43.2	69.3	2	19.82
4809	Weisse XI, 421. . .	9.0	25 0.	. .	.	3.048	— 6 50 39.3	70.3	2	19.82
4810	Lalande 21911 . . .	8.0	25 7.97	67.3	2	3.073	+ 0 21 51.0	65.3	1	19.82
4811	B. A. C. 3921 . . .	6.5	11 25 20.01	62.6	4	+ 2.963	— 28 29 46.2	64.8	2	— 19.83
4812	B. A. C. 3922 . . .	6.2	25 20.45	62.7	3	2.963	— 28 29 38.0	64.8	2	19.83
4813	Weisse XI, 429. . .	8.6	25 26.17	64.2	7	3.079	+ 2 6 52.8	66.8	2	19.83
4814	Lacaille 4773 . . .	7.7	25 35.46	62.3	2	2.964	— 28 22 9.5	65.3	1	19.83
4815	B. A. C. 3925 . . .	6.0	25 40.60	59.4	2	3.047	— 7 3 15.9	70.3	2	19.83
4816	Weisse XI, 438. . .	8.5	11 25 51.32	63.0	4	+ 3.079	+ 2 3 34.1	66.8	2	— 19.83
4817	B. A. C. 3926 . . .	5.5	25 58.99	63.0	3	2.956	— 30 18 52.7	70.8	2	19.83
4818	B. A. C. 3927 . . .	4.8	25 59.52	64.3	1	2.908	— 39 39 57.0	68.8	2	19.83
4819	Lacaille 4777 . . .	6.7	26 1.23	63.1	6	2.932	— 35 26 7.2	72.3	2	19.84
4820	B. A. C. 3928 . . .	4.4	26 7.31	63.0	3	2.953	— 31 5 1.5	69.4	2	19.84
4821	Weisse XI, 446. . .	8.0	11 26 18.48	63.6	2	+ 3.102	+ 8 45 10.4	69.3	2	— 19.84
4822	Anonymous. . . .	9.0	26 20.61	67.3	2	3.079	+ 2 7	. .	.	19.84
4823	Lalande 21947 . . .	6.1	26 28.97	69.5	5	3.222	+ 37 35 26.8	47.6	3	19.84
4824	Weisse XI, 450. . .	7.2	26 30.56	66.8	2	3.052	— 5 45 49.9	68.3	2	19.84
4825	B. A. C. 3929 . . .	5.5	26 48.37	68.9	3	2.911	— 39 48 52.9	68.8	2	19.85
4826	Rumker 3636 . . .	8.0	11 26 51.06	59.8	2	+ 3.126	+ 15 39 59.8	56.0	3	— 19.85
4827	Weisse (2) XI, 490. .	9.0	26 51.96	60.3	2	3.153	+ 22 47 47.4	55.3	2	19.85
4828	O. Arg. N. 11873 . .	8.5	26 59.82	64.9	5	3.649	+ 71 34 35.1	67.4	1	19.85
4829	Weisse XI, 462 . .	7.0	27 14.13	61.7	2	3.056	— 4 45 16.0	56.3	2	19.85
4830	Anonymous. . . .	6.7	27 26.14	64.3	2	2.911	— 40 22 52.7	70.3	2	19.85

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			h. m. s.			″	° ′ ″			″
4831	Anonymous. . . .	6.9	11 27 28.34	64.5	3	+ 2.937	− 35 25 49.5	72.3	2	− 19.85
4832	Weisse XI, 466. . .	8.7	27 32.56	61.7	2	2.056	− 4 49 1.5	55.3	2	19.86
4833	Weisse XI, 468. . .	8.0	27 36.94	59.8	2	2.058	− 4 10 51.3	55.3	2	19.86
4834	Weisse (2) XI, 509. .	6.5	27 45.29	60.3	2	3.145	+ 21 12 53.2	60.8	2	19.86
4835	Weisse (2) XI, 511. .	9.0	27 45.48	59.3	2	3.129	+ 16 47 3.0	70.3	1	19.86
4836	2 Draconis	5.5	11 27 48.07	68.3	2	+ 3.589	+ 70 6 4.8	65.3	2	− 19.86
4837	O. Arg. S. 11491 . .	6.7	28 5.54	64.2	2	2.968	− 29 15 30.5	68.3	2	19.86
4838	Anonymous . . .	9.0	28 6.42	64.9	3	3.053	− 5 43 8.2	68.3	2	19.86
4839	Lacaille 4792 . . .	6.5	28 20.46	66.8	2	2.944	− 34 50 18.7	68.8	2	19.87
4840	Weisse (2) XI, 526. .	9.0	28 29.59	68.3	2	3.142	+ 20 52 43.1	63.2	2	19.87
4841	Weisse XI, 488 . .	9.0	11 28 33.58	65.8	2	+ 3.028	− 13 41 16.2	62.8	2	− 19.87
4842	Weisse XI, 495 . .	8.5	28 52.06	65.8	2	3.098	+ 8 7 20.0	68.4	1	19.87
4843	B. A. C. 3937 . . .	6.0	28 55.55	66.3	2	3.170	+ 28 33 16.6	60.3	4	19.87
4844	Weisse (2) XI, 534. .	8.0	28 56.88	65.8	2	3.167	+ 27 44 56.5	68.3	2	19.87
4845	Weisse (2) XI, 540. .	8.0	29 7.60	65.8	2	3.159	+ 25 48 14.3	68.8	2	19.87
4846	O. Arg. N. 11901 . .	9.0	11 29 10.22	67.8	5	+ 3.603	+ 71 19 45.0	65.3	1	− 19.88
4847	B. A. C. 3940 . . .	7.0	29 22.33	60.8	2	3.094	+ 6 53 6.1	60.9	5	19.88
4848	θ Crateris	5.0	29 34.88	65.8	2	3.044	− 9 1 42.0	66.8	2	19.88
4849	(* 115) Washington .	9.5	29 37.39	64.0	3	3.076	+ 1 28	. .	.	19.88
4850	Lacaille 4802 . . .	6.5	29 40.92	63.3	2	2.947	− 35 20 51.4	68.3	2	19.88
4851	Lacaille 4805 . . .	7.0	11 29 44.41	66.6	3	+ 2.954	− 33 52 36.5	68.8	2	− 19.88
4852	υ Leonis	4.8	29 46.89	63.0	69	3.072	− 0 3 3.7	61.3	7	19.88
4853	Weisse (2) XI, 556. .	8.0	29 52.06	66.3	2	3.167	+ 28 32 55.6	67.3	2	19.88
4854	Anonymous . . .	9.0	30 5.98	67.4	4	3.584	+ 71 15	. .	.	19.89
4855	Anonymous . . .	8.0	30 10.43	69.3	1	2.951	− 34 48 39.3	71.3	1	19.89
4856	Anonymous . . .	7.5	11 30 21.72	64.2	2	+ 2.954	− 34 27 48.3	69.4	2	− 19.89
4857	Anonymous . . .	. .	30 28.93	65.2	1	3.580	+ 71 19	. .	.	19.89
4858	Lacaille 4814 . . .	7.0	30 39.23	64.8	2	2.936	− 38 38 3.5	70.6	3	19.89
4859	59 Ursæ Majoris . . .	5.5	30 52.19	65.8	2	3.238	+ 44 24 4.8	58.8	2	19.89
4860	Lalande 22059 . . .	5.8	31 8.39	68.3	2	3.187	+ 34 24 4.6	47.3	2	19.90
4861	Weisse (2) XI, 592 .	8.3	11 31 10.16	64.3	2	+ 3.136	+ 20 52 30.4	56.8	2	− 19.90
4862	Anonymous. . . .	7.2	31 10.54	64.3	1	2.955	− 34 49	. .	.	19.90
4863	B. A. C. 3955 . . .	5.5	31 14.73	47.3	2	3.067	− 1 39 42.7	69.2	2	19.91
4864	. . . . .	. .	. . .	. .	.	. .	. . . .	. .	.	. .
4865	O. Arg. S. 11531 . .	8.5	31 17.02	64.3	2	2.995	− 24 48 53.5	70.3	1	19.90
4866	Anonymous . . .	9.1	11 31 18.54	64.3	2	+ 2.995	− 24 50 38.2	70.3	2	− 19.90
4867	Weisse (2) XI, 600. .	8.0	31 24.82	59.3	2	3.146	+ 24 6 16.2	64.8	2	19.90
4868	ι Crateris	5.5*	31 33.54	60.3	2	3.036	− 12 25 55.9	54.3	3	19.90
4869	Weisse (2) XI, 608. .	7.8	31 36.46	68.3	2	3.125	+ 17 52 39.4	48.3	1	19.90
4870	Lacaille 4824 . . .	7.5	31 46.47	67.6	3	2.941	− 38 28 19.2	72.3	2	19.90

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1866.
			h. m. s.			″	° ′ ″			″
4871	Anonymous . . .	7.6	11 31 46.52	65.2	1	+ 2.941	− 38 35 3.3	62.3	1	− 19.90
4872	Weisse XI, 548. . .	7.2	31 51.65	60.8	2	3.092	+ 6 50 15.2	54.3	3	19.91
4873	Lacaille 4825 . . .	6.0	31 54.15	63.3	2	2.937	− 39 31 38.4	68.8	2	19.91
4874	Weisse XI, 553 . .	9.4	32 6.02	64.2	5	3.077	+ 1 44 47.9	67.3	1	19.91
4875	Anonymous . . .	7.8	32 18.17	64.6	3	2.993	− 26 4 10.7	70.3	2	19.91
4876	Weisse XI, 558. . .	9.0*	11 32 22.18	71.3	3	+ 3.104	+ 11 6 12.6	71.4	2	− 19.91
4877	Lacaille 4830 . . .	7.2	32 27.78	66.1	4	2.944	− 38 36 32.3	70.3	1	19.91
4878	Weisse XI, 562 . .	8.6	32 35.30	67.4	2	3.070	− 0 39 50.1	68.8	2	19.91
4879	Anonymous . . .	9.5	32 37.79	61.3	1	3.057	− 5 19 59.5	57.3	1	19.91
4880	Lacaille 4833 . . .	7.6	32 48.58	63.3	2	2.964	− 34 12 24.8	68.8	2	19.92
4881	Weisse (2) XI, 633. .	8.0	11 32 52.22	61.6	3	+ 3.152	+ 26 55 49.2	56.3	2	− 19.92
4882	Anonymous . . .	9.6	32 56.97	59.3	1	3.132	+ 20 53	. .	.	19.92
4883	O. Arg. S. 11557 . .	7.5	33 2.50	64.2	2	2.982	− 29 42 13.5	71.3	1	19.92
4884	Lacaille 4837, (1st *) .	6.5	33 3.51	69.3	2	2.952	− 37 19 54.4	67.3	2	19.92
4885	Lacaille 4837, (2d *) .	8.5	33 4.92	69.3	1	2.952	− 37 19 54.0	70.3	1	19.92
4886	Carrington 1741 . .	8.7	11 33 13.24	67.1	2	+ 4.097	+ 81 21	. .	.	− 19.92
4887	B. A. C. 3962 . . .	7.3	33 13.41	64.1	17	3.077	+ 1 43 42.1	66.3	2	19.92
4888	B. A. C. 3963 . . .	5.8	33 15.86	59.9	2	2.967	− 33 58 9.1	68.3	2	19.92
4889	Anonymous . . .	6.9	33 16.85	64.2	3	2.990	− 27 43 13.0	64.9	3	19.92
4890	92 Leonis	5.5*	33 30.02	60.2	2	3.134	+ 22 7 45.8	62.4	2	19.92
4891	61 Ursæ Majoris . . .	5.6	11 33 40.22	68.3	2	+ 3.179	+ 34 59 36.0	48.0	3	− 19.92
4892	Lacaille 4845 . . .	7.4	34 11.52	62.3	2	2.991	− 28 25 39.9	67.8	2	19.93
4893	Weisse XI, 592 . .	9.2	34 17.15	64.8	4	3.076	+ 1 43 41.8	69.0	3	19.93
4894	Lacaille 4849 . . .	7.1	34 25.70	64.0	3	2.968	− 34 49 39.7	71.3	2	19.93
4895	Weisse XI, 597 . .	9.0	34 31.22	64.8	4	3.077	+ 1 46 16.3	68.7	3	19.93
4896	Rumker 3697	7.5	11 34 36.97	59.8	2	+ 3.135	+ 22 59 21.8	56.0	3	− 19.93
4897	B. A. C. 3969 . . .	5.4	34 44.94	63.6	3	2.981	− 31 43 20.3	65.3	2	19.93
4898	Weisse XI, 605. . .	9.2	34 57.81	67.3	2	3.077	+ 1 47 13.4	70.3	1	19.94
4899	Rumker 3706 . . .	8.0	35 26.84	59.3	2	3.104	+ 12 38 23.0	56.6	3	19.94
4900	Weisse XI, 618. . .	9.0	35 39.90	59.2	2	3.058	− 5 38 23.9	54.3	4	19.94
4901	Anonymous . . .	. .	11 36 9.61	65.2	1	+ 3.007	− 25 5	. .	.	− 19.95
4902	Weisse XI, 624. . .	7.9	36 9.75	64.3	15	3.074	+ 0 57 48.1	66.9	2	19.95
4903	B. A. C. 3973 . . .	6.0*	36 11.99	59.8	2	3.199	+ 42 29 57.3	53.2	5	19.95
4904	B. A. C. 3974 . . .	6.0	36 29.32	62.8	4	2.971	− 36 24 46.7	66.4	2	19.95
4905	Weisse (2) XI, 708. .	7.0	36 29.55	61.3	2	3.135	+ 24 47 11.9	66.9	2	19.95
4906	Rumker 3715 . . .	7.5	11 36 33.87	59.3	3	+ 3.113	+ 17 5 54.5	55.3	2	− 19.95
4907	O. Arg. N. 12020 . .	7.0	36 39.72	64.6	3	3.544	+ 73 55 24.6	65.3	2	19.95
4908	O. Arg. S. 11610 . .	8.5*	36 46.06	62.3	2	2.997	− 28 54 5.1	69.4	1	19.95
4909	B. A. C. 3975 . . .	7.6	36 46.10	63.4	3	3.058	− 5 53 55.3	64.8	2	19.95
4910	Weisse XI, 641. . .	7.5	36 58.10	60.6	3	3.037	− 14 40 44.9	61.1	4	19.96

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			h. m. s.			″	° ′ ″			″
4911	Lacaille 4867 . . .	7.5	11 36 58.23	63.0	3	+ 2.998	− 28 58 21.9	67.8	2	− 19.96
4912	Weisse XI, 643 . .	9.2	37 20.75	65.3	3	3.055	− 7 18 34.5	70.2	2	19.96
4913	Anonymous . . .	8.5	37 28.13	69.3	3	3.177	+ 38 42 0.0	46.4	1	19.96
4914	Weisse XI, 646. . .	7.9	37 29.58	66.8	2	3.056	− 7 2 37.7	68.4	2	19.96
4915	ζ Crateris	5.5	37 40.	. .	.	3.031	− 17 34 22.5	68.4	2	19.96
4916	Weisse XI, 652. . .	9.2	11 37 43.18	66.3	2	+ 3.090	+ 7 50 4.4	68.3	2	− 19.96
4917	Rumker 3727 . . .	5.0	37 57.89	66.8	2	3.106	+ 15 2 26.0	68.8	2	19.96
4918	Weisse (2) XI, 746. .	8.0	38 5.22	59.3	2	3.120	+ 20 40 5.0	55.3	2	19.96
4919	Weisse XI, 662. . .	7.4	38 12.37	62.8	5	3.090	+ 7 49 27.9	68.3	2	19.97
4920	Weisse (2) XI, 750. .	6.8	38 14.42	62.0	3	3.166	+ 36 40 14.3	57.0	3	19.97
4921	Lacaille 4877 . . .	6.8	11 38 27.58	63.3	2	+ 2.968	− 39 44 24.1	65.3	2	− 19.97
4922	Anonymous . . .	7.2	38 30.44	64.3	2	2.978	− 36 50 42.5	68.9	2	19.97
4923	χ Ursæ Majoris . . .	4.0*	38 38.65	60.7	7	3.213	+ 48 33 19.4	57.1	6	19.97
4924	ν Virginis	4.0	38 39.76	63.2	5	3.088	+ 7 18 49.8	58.3	2	19.97
4925	Weisse XI, 673. . .	8.0	38 59.50	67.4	2	3.059	− 5 51 42.0	70.3	2	19.97
4926	Weisse XI, 674. . .	8.5	11 39 1.07	66.8	2	+ 3.057	− 6 59 31.2	70.3	2	− 19.97
4927	Weisse XI, 680. . .	7.8	39 10.62	67.3	2	3.067	− 2 13 30.0	69.3	2	19.97
4928	Lacaille 4881 . . .	7.8	39 18.90	66.8	2	3.010	− 27 11 10.2	69.4	2	19.97
4929	Lacaille 4882 . . .	7.2	39 20.82	63.4	2	2.991	− 33 58 28.5	64.8	2	19.97
4930	Anonymous. . . .	9.0	39 26.66	68.3	2	3.127	+ 24 45 16.5	63.3	2	19.98
4931	Rumker 3738 . . .	6.5	11 39 45.29	61.5	5	+ 3.126	+ 24 29 52.0	61.8	2	− 19.98
4932	B. A. C. 3988 . . .	4.8	39 50.68	63.3	2	2.974	− 39 44 16.4	66.3	3	19.98
4933	Anonymous . . .	9.0	40 2.28	67.3	2	3.017	− 25 11	. .	.	19.98
4934	Lacaille 4886 . . .	5.4	40 5.97	64.6	3	2.990	− 35 7 42.9	70.9	2	19.98
4935	Weisse (2) XI, 786. .	7.8	40 13.26	59.3	2	3.116	+ 20 48 37.0	55.3	2	19.98
4936	Anonymous . . .	9.2	11 40 14.72	65.3	2	+ 3.104	+ 15 21 25.5	69.8	2	− 19.98
4937	Lacaille 4890 . . .	7.0	40 16.06	63.6	4	3.007	− 29 30 1.8	64.8	2	19.98
4938	O. Arg. S. 11656 . .	7.3	40 16.42	65.7	5	3.018	− 25 11 2.9	69.3	3	19.98
4939	Anonymous . . .	8.3	40 31.	. .	.	3.018	− 25 12 29.1	70.3	2	19.98
4940	A¹ Virginis	5.5*	40 43.23	65.4	2	3.090	+ 9 1 24.7	67.4	1	19.99
4941	Weisse (2) XI, 793. .	8.8	11 40 45.08	69.3	3	+ 3.115	+ 21 1 2.6	57.3	2	− 19.99
4942	93 Leonis	5.8	40 45.50	65.5	6	3.115	+ 20 59 48.5	57.3	2	19.99
4943	Anonymous. . . .	9.5	40 54.78	64.9	3	3.058	− 7 21 9.5	70.3	3	19.99
4944	Anonymous. . . .	8.5	41 9.	. .	.	3.020	− 25 11 52.4	70.3	2	19.99
4945	B. A. C. 3992 . . .	6.0	41 26.34	59.3	2	3.101	+ 15 3 43.1	67.8	2	19.99
4946	Anonymous . . .	9.8	11 41 30.06	71.3	1	+ 3.102	+ 15 17 0.2	68.3	1	− 19.99
4947	Anonymous . . .	6.9	41 37.82	64.3	2	2.996	− 35 12 31.7	69.3	2	19.99
4948	B. A. C. 3994 . . .	6.0	41 41.09	65.8	2	3.020	− 25 58 18.2	68.3	2	19.99
4949	Weisse (2) XI, 812. .	8.2	41 46.20	68.0	4	3.101	+ 15 17 26.2	68.4	1	19.99
4950	Weisse (2) XI, 816. .	7.4	41 48.28	62.7	2	3.104	+ 16 54 35.6	59.3	3	19.99

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			h. m. s.			"	° ′ ″			"
4951	β Leonis	2.5	11 41 55.08	56.9	141	+ 3.101	+ 15 21 17.1	53.4	58	— 19.99
4952	B. A. C. 3997 . . .	6.8	42 0.75	60.3	3	3.104	+ 17 1 22.6	60.0	3	19.99
4953	Weisse (2) XI, 838 . .	9.0	42 51.90	59.8	2	3.106	+ 18 39 47.6	55.8	2	19.99
4954	β Virginis	3.5	43 24.16	59.9	17	3.076	+ 2 33 14.0	58.5	5	20.00
4955	B. A. C. 4003 . . .	6.6	43 33.13	62.7	3	3.024	— 26 30 1.5	66.4	2	20.00
4956	Anonymous . . .	7.5	11 43 33.45	64.8	2	+ 3.000	— 36 54 7.0	69.4	3	— 20.00
4957	Lacaille 4906 . . .	6.7	43 40.22	63.0	3	3.012	— 32 21 47.2	67.9	2	20.01
4958	Lalande 22357 . . .	6.9	43 48.83	68.3	2	3.145	+ 37 36 48.7	47.3	2	20.01
4959	B. A. C. 4006	6.4	43 52.85	62.4	6	3.064	— 4 33 19.1	68.1	3	20.01
4960	Lacaille 4909 . . .	6.7	44 0.64	62.6	4	3.026	— 26 18 6.5	68.9	2	20.01
4961	Weisse XI, 758. . .	7.3	11 44 1.94	66.3	2	+ 3.060	— 7 12 43.7	69.4	2	— 20.01
4962	Anonymous . . .	7.6	44 8.67	66.8	2	3.004	— 36 9 27.2	67.3	2	20.01
4963	Carrington 1762 . .	8.0	44 33.64	62.5	4	4.789	+ 86 59 59.1	59.8	6	20.01
4964	B. A. C. 4009 . . .	6.7	44 37.32	62.3	1	3.021	— 30 2 44.3	67.3	2	20.01
4965	Groombridge 1830. .	6.5	44 56.48	67.8	11	3.143	+ 38 43 1.7	63.7	14	20.01
4966	Weisse XI, 773. . .	8.4	11 45 6.18	65.3	2	+ 3.094	+ 14 15 57.7	71.3	2	— 20.01
4967	Anonymous. . . .	9.5	45 6.47	67.3	2	3.064	— 5 30 15.7	71.4	1	20.01
4968	Anonymous. . . .	7.5	45 12.62	64.3	2	3.007	— 36 58 24.2	66.3	2	20.01
4969	B. A. C. 4014 . . .	7.0	45 33.18	60.3	2	3.096	+ 16 13 2.1	53.2	5	20.02
4970	Anonymous . . .	7.2	45 38.	. .	.	3.008	— 37 33 39.9	70.3	2	20.02
4971	Weisse XI, 785. . .	7.4	11 45 44.05	65.3	9	+ 3.093	+ 14 12 1.2	65.3	2	— 20.02
4972	Anonymous. . . .	7.8	45 44.25	65.0	4	3.008	— 37 33 39.9	70.3	2	20.02
4973	B. A. C. 4015 . . .	5.0	45 50.55	66.3	2	3.018	— 33 7 48.7	70.3	1	20.02
4974	Weisse (2) XI, 889. .	8.0	45 58.46	59.3	2	3.098	+ 17 37 42.5	55.2	6	20.02
4975	B. A. C. 4016 . . .	6.2	46 23.09	68.3	2	3.018	— 34 17 12.2	65.3	3	20.02
4976	γ Ursæ Majoris . . .	2.3*	11 46 26.84	50.4	75	+ 3.183	+ 54 28 22.5	49.6	44	— 20.02
4977	B. A. C. 4020 . . .	7.0	46 42.60	61.0	3	3.068	— 2 59 45.1	66.8	1	20.02
4978	B. A. C. 4021 . . .	7.5	46 53.56	65.4	2	3.080	+ 5 39 27.5	66.3	2	20.02
4979	Anonymous. . . .	9.5	46 54.60	63.3	2	3.074	+ 1 6	. .	.	20.02
4980	Lacaille 4930 . . .	7.0	47 5.30	64.3	4	3.019	— 35 12 45.5	65.3	2	20.02
4981	B. A. C. 4023 . . .	6.0	11 47 24.61	68.3	2	+ 3.017	— 36 58 20.3	66.3	2	— 20.03
4982	B. A. C. 4024 . . .	6.0	47 35.26	62.4	2	3.038	— 24 56 15.5	67.8	2	20.03
4983	B. A. C. 4025 . . .	7.3	47 40.70	64.0	7	3.071	— 0 39 38.4	64.8	2	20.03
4984	65 Ursæ Majoris . . .	7.2	47 48.02	59.3	2	3.149	+ 47 15 19.2	60.8	2	20.03
4985	B. A. C. 4028 . . .	7.0*	47 53.68	59.3	2	3.148	+ 47 14 54.4	60.8	2	20.03
4986	Lalande 22450 . . .	6.2	11 47 59.34	68.3	2	+ 3.126	+ 37 32 14.8	47.0	4	— 20.03
4987	Anonymous . . .	10.0	48 21.95	60.3	1	3.028	— 33 15 58.3	68.3	1	20.03
4988	Lacaille 4939 . . .	6.9	48 23.88	62.8	2	3.042	— 24 4 49.5	68.8	2	20.03
4989	Anonymous. . . .	9.0	48 30.59	67.3	2	3.085	+ 11 8 2.6	64.3	1	20.03
4990	Anonymous. . . .	8.8	48 32.04	69.3	1	3.121	+ 36 13 3.0	69.3	2	20.03

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
4991	B. A. C. 4032 . . .	6.5	11 48 33.28	62.3	2	+ 3.037	− 27 41 50.3	68.9	2	− 20.03
4992	Weisse (2) XI, 937. .	6.7	48 45.89	62.3	3	3.120	+ 36 7 13.9	69.9	2	20.03
4993	B. A. C. 4034 . . .	6.0	48 49.00	63.8	4	3.019	− 38 54 34.8	70.3	2	20.03
4994	Weisse (2) XI, 954. .	7.5	49 3.61	63.6	4	3.119	+ 36 13 37.1	60.7	5	20.03
4995	Radcliffe 2768 . . .	8.8	49 39.30	65.0	6	3.125	+ 41 8 3.7	67.4	3	20.04
4996	Radcliffe 2769 . . .	7.3	11 49 52.17	64.9	7	+ 3.124	+ 41 4 3.3	67.4	3	− 20.04
4997	B. A. C. 4037 . . .	6.0*	49 57.57	60.3	2	3.035	− 32 32 11.3	54.4	4	20.04
4998	O. Arg. N. 12195 . .	7.8	49 57.64	65.8	2	3.187	+ 63 0 39.5	69.4	2	20.04
4999	Radcliffe 2771 . . .	7.2	50 1.78	64.9	8	3.123	+ 41 8 29.7	67.4	2	20.04
5000	Lacaille 4948 . . .	7.3	50 23.80	62.4	2	3.044	− 26 16 27.5	64.7	2	20.04
5001	Lacaille 4955 . . .	6.8	11 50 59.37	63.5	5	+ 3.045	− 26 54 16.9	66.3	3	− 20.04
5002	Weisse (2) XI, 1013 .	6.0	51 4.87	68.3	2	3.107	+ 33 55 38.9	47.3	1	20.04
5003	(* 113) Washington .	10.4	51 42.21	64.4	3	3.071	− 1 22	. .	.	20.04
5004	B. A. C. 4042 . . .	6.0	51 46.27	63.3	2	3.050	− 25 7 43.2	68.3	2	20.04
5005	B. A. C. 4043 . . .	6.0	51 53.71	65.8	2	3.073	+ 1 18 32.7	66.4	2	20.04
5006	Weisse (2) XI, 1011 .	8.5	11 51 54.26	59.2	2	+ 3.094	+ 24 41 10.8	57.5	5	− 20.04
5007	Lacaille 4967 . . .	7.6	52 14.24	62.3	2	3.047	− 29 16 53.4	66.3	2	20.04
5008	Weisse XI, 895. . .	7.9	52 24.24	64.2	9	3.071	− 1 8 16.6	63.3	3	20.05
5009	Lalande 22565 . . .	8.6	52 35.40	69.3	2	3.102	+ 34 44 27.3	59.8	2	20.05
5010	Lalande 22567 . . .	6.0	52 45.55	69.3	2	3.101	+ 34 48 45.5	70.4	3	20.05
5011	*b* Virginis	5.5*	11 52 46.65	62.7	4	+ 3.075	+ 4 26 5.4	62.5	4	− 20.05
5012	B. A. C. 4050 . . .	6.0*	52 54.63	61.7	2	3.353	+ 81 38 2.2	67.4	2	20.05
5013	Weisse (2) XI, 1035 .	7.4	52 57.70	68.3	2	3.103	+ 37 30 33.0	46.8	4	20.05
5014	Weisse (2) XI, 1037 .	8.1	53 4.90	68.3	2	3.102	+ 37 30 47.2	47.0	3	20.05
5015	Weisse XI, 908. . .	9.0*	53 14.	. .	.	3.078	+ 8 43 25.8	70.3	1	20.05
5016	O. Arg. S. 11827 . .	8.0	11 53 20.23	69.3	2	+ 3.058	− 21 6 1.7	57.3	2	− 20.05
5017	Anonymous . . .	8.7	53 31.24	68.4	2	3.062	− 15 5 0.6	56.3	2	20.05
5018	O. Arg. S. 11828 . .	6.0*	53 32.98	69.3	2	3.058	− 21 3 27.7	57.1	4	20.05
5019	Lalande 22585 . . .	6.0	53 33.69	71.2	3	3.066	− 9 38 57.7	71.3	3	20.05
5020	π Virginis	5.0*	53 41.89	60.8	8	3.077	+ 7 23 41.4	55.0	3	20.05
5021	Weisse XI, 921. . .	8.2	11 53 51.02	62.3	4	+ 3.078	+ 8 41 42.3	70.2	2	− 20.05
5022	O. Arg. S. 11831 . .	7.7	53 51.60	64.3	3	3.055	− 25 42 2.9	67.0	3	20.05
5023	B. A. C. 4055 . . .	7.0	54 0.14	61.4	1	3.075	+ 4 24 46.9	66.8	2	20.05
5024	Weisse XI, 926. . .	7.2	54 3.48	67.3	2	3.080	+ 13 9 25.2	70.3	2	20.05
5025	Lacaille 4976 . . .	6.8	54 15.97	64.0	6	3.050	− 33 16 14.2	64.3	2	20.05
5026	Weisse (2) XI, 1067 .	5.9	11 54 29.02	68.6	3	+ 3.096	+ 36 49 29.8	47.0	4	− 20.05
5027	1 Comæ	6.0*	54 33.82	59.7	4	3.085	+ 22 52 25.5	53.3	3	20.05
5028	Lacaille 4979 . . .	6.6	54 38.94	63.6	3	3.051	− 33 52 17.2	68.8	2	20.05
5029	67 Ursæ Majoris . . .	6.0	54 59.42	65.9	5	3.100	+ 43 49 20.2	63.8	6	20.05
5030	Anonymous . . .	8.5	55 5.42	65.3	1	3.053	− 33 9	. .	.	20.05

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			h. m. s.			″	° ′ ″			″
5031	O. Arg. S. 11848 . .	8.8	11 55 12.36	66.4	2	+ 3.059	— 25 39 30.2	69.8	2	+ 20.05
5032	Anonymous . . .	8.0	55 24.74	61.4	1	3.076	+ 8 40 . .	.	.	20.05
5033	O. Arg. S. 11850 . .	9.0	55 27. . .	.	.	3.059	— 25 35 11.0	70.4	1	20.05
5034	Anonymous . . .	8.5	55 28.95	68.3	1	3.067	— 9 56 0.7	70.4	3	20.05
5035	Anonymous . . .	8.4	55 35.43	68.3	2	3.067	— 9 52 10.2	65.3	3	20.05
5036	Weisse X, 947 . . .	9.0	11 55 35.49	61.8	4	+ 3.076	+ 8 36 12.5	59.3	4	— 20.05
5037	Anonymous . . .	8.8	55 38.26	64.3	3	3.054	— 35 7 49.0	67.8	2	20.05
5038	B. A. C. 4063 . . .	7.0*	56 25.77	60.9	3	3.070	— 4 41 58.6	54.3	3	20.05
5039	Lacaille 4993 . . .	6.0	56 30.41	64.8	4	3.056	— 38 13 41.2	65.3	2	20.05
5040	Weisse XI, 963. . .	9.0	56 47.85	69.2	3	3.073	+ 4 8 17.4	71.3	1	20.05
5041	Weisse (2) XI, 1110 .	7.5	11 56 51.20	59.2	2	+ 3.079	+ 19 35 51.4	56.6	4	— 20.05
5042	2 Comæ	6.0*	57 6.24	60.3	2	3.079	+ 22 14 19.2	53.2	5	20.05
5043	O. Arg. S. 11876 . .	7.5	57 23.10	65.0	3	3.063	— 30 24 27.5	66.3	2	20.06
5044	B. A. C. 4070 . . .	6.7	57 36.92	62.1	26	3.291	+ 86 21 48.5	63.4	3	20.06
5045	Weisse XI, 980. . .	8.4	57 45.55	64.4	8	3.074	+ 9 29 36.2	66.3	2	20.06
5046	Anonymous . . .	7.6	11 58 0.93	68.3	2	+ 3.064	— 33 25 46.3	66.2	2	— 20.06
5047	o Virginis	4.4	58 4.56	63.8	39	3.074	+ 9 30 39.0	65.1	9	20.06
5048	Lacaille 5013 . . .	6.0	58 45.42	63.9	3	3.067	— 34 54 54.1	66.4	2	20.06
5049	Lacaille 5015 . . .	6.5	58 54.54	61.3	2	3.068	— 32 10 27.7	63.1	3	20.06
5050	Anonymous . . .	8.0	58 59.23	67.4	2	3.069	— 30 14 51.5	69.3	2	20.06
5051	Lacaille 5016 . . .	7.0	11 59 1.36	65.3	2	+ 3.068	— 37 53 45.5	66.3	2	— 20.06
5052	Anonymous. . . .	8.5	59 9.12	65.4	1	3.069	— 30 13 46.4	69.3	2	20.06
5053	O. Arg. N. 12337 . .	8.4	59 31.44	67.3	2	3.082	+ 75 27 2.1	67.6	3	20.06
5054	O. Arg. S. 11908 . .	6.5	11 59 50.94	64.3	2	3.072	— 22 59 18.2	69.3	2	20.06
5055	Weisse XI, 1011 . .	7.4	12 0 1.46	63.3	2	3.072	+ 0 8 57.5	66.8	2	20.06
5056	B. A. C. 4080 . . .	7.0*	12 0 4.61	60.9	5	+ 3.072	— 5 59 12.9	54.4	3	— 20.06
5057	Weisse (2) XI, 1190 .	8.5	0 14.25	68.3	2	3.071	+ 37 47 39.4	46.3	1	20.06
5058	O. Arg. S. 11917 . .	9.0	0 24.24	67.3	2	3.073	— 30 37 38.9	70.3	2	20.06
5059	O. Arg. S. 11920 . .	6.0	0 26.20	67.3	2	3.073	— 23 11 15.5	69.3	2	20.06
5060	B. A. C. 4081 . . .	7.0	0 26.75	68.3	2	3.071	+ 14 17 46.7	57.6	5	20.06
5061	Weisse XI, 1023 . .	9.0	12 0 32.81	59.3	3	+ 3.072	+ 7 32 51.2	55.6	3	— 20.06
5062	Weisse (2) XI, 1206 .	8.8	0 54.12	60.8	2	3.070	+ 24 28 53.2	58.3	4	20.06
5063	Weisse XI, 1030 . .	7.8	1 1.98	63.3	5	3.072	— 3 30 28.0	65.4	2	20.06
5064	B. A. C. 4088 . . .	6.5	1 7.26	61.0	3	3.076	— 33 53 44.0	67.4	2	20.06
5065	a Corvi	5.3	1 11.99	62.4	2	3.075	— 23 56 49.5	66.4	2	20.06
5066	Weisse XI, 1033 . .	7.8	12 1 17.56	63.3	4	+ 3.072	— 3 33 29.4	65.4	2	— 20.06
5067	Anonymous . . .	. .	1 20. . .	.	.	3.076	— 27 14 32.2	71.3	2	20.06
5068	Anonymous . . .	8.0	1 52.12	68.0	3	3.079	— 32 18 16.0	68.9	2	20.06
5069	O. Arg. S. 11944 . .	8.5	2 9.13	65.3	1	3.078	— 27 12 13.4	70.7	3	20.06
5070	Dorpat 1604, (1st *) .	7.6	2 14.41	65.1	5	3.074	— 11 4 18.6	70.2	2	20.06

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			h. m. s.			"	° ′ ″			"
5071	Anonymous . . .	9.2	12 2 15.04	64.3	1	+ 3.075	− 11 1	. .	.	− 20.06
5072	Dorpat 1604, (2d *) .	9.0	2 17.65	65.0	4	3.075	− 11 4 21.5	70.2	2	20.06
5073	10 Virginis	6.0	2 30.92	63.8	6	3.071	+ 2 41 3.4	65.8	2	20.06
5074	Lacaille 5042	7.0	2 34.67	62.3	2	3.082	− 32 42 29.6	66.8	2	20.06
5075	Weisse XII, 16. . .	8.5	2 36.84	69.3	2	3.070	+ 8 57 30.4	58.3	2	20.06
5076	B. A. C. 4095 . . .	6.0	12 2 49.28	60.8	2	+ 3.083	− 33 55 31.8	67.8	2	− 20.05
5077	11 Virginis	6.0	2 55.26	59.2	2	3.070	+ 6 35 7.9	56.0	3	20.05
5078	ε Corvi	4.0*	2 55.77	62.1	33	3.079	− 21 50 27.9	57.4	15	20.05
5079	O. Arg. N. 12397 . .	7.0	2 56.64	68.8	2	3.006	+ 75 26 24.7	66.3	2	20.05
5080	Lacaille 5044 . . .	6.0	3 15.78	65.8	2	3.081	− 24 10 48.2	66.4	2	20.05
5081	B. A. C. 4098 . . .	6.0	12 3 18.65	66.3	2	+ 3.087	− 37 5 24.5	69.3	2	− 20.05
5082	Anonymous . . .	9.0	3 31.22	69.3	2	3.089	− 39 47 19.0	67.3	2	20.05
5083	B. A. C. 4100 . . .	6.5*	3 39.07	60.6	2	3.061	+ 28 3 39.1	55.9	5	20.05
5084	Weisse XII, 34 . .	7.9	3 52.87	65.3	2	3.068	+ 9 29 44.5	65.8	2	20.05
5085	Weisse XII, 49 . .	8.4	4 22.11	63.0	4	3.069	+ 8 8 56.2	63.8	2	20.05
5086	B. A. C. 4104 . . .	7.0	12 4 30.51	60.8	2	+ 3.070	+ 4 50 5.2	66.9	2	− 20.05
5087	B. A. C. 4106 . . .	6.0*	4 37.22	62.3	2	2.868	+ 82 29 22.4	68.9	2	20.05
5088	O. Arg. S. 11982 . .	6.5	4 45.48	67.3	2	3.085	− 25 9 44.1	69.3	2	20.05
5089	Anonymous	. .	4 48.88	59.3	2	3.069	+ 6 7 16.6	56.0	3	20.05
5090	Weisse XII, 53 . .	9.0	4 50.	. .	.	2.858	+ 82 29 41.8	70.4	1	20.05
5091	Weisse XII, 63 . .	8.0	12 5 8.52	60.3	2	+ 3.068	+ 6 39 12.9	58.7	4	− 20.05
5092	4 Draconis	4.7	5 35.47	63.3	6	2.913	+ 78 23 39.8	63.9	20	20.05
5093	O. Arg. S. 11995 . .	7.9	5 39.00	64.3	2	3.092	− 30 31 35.6	68.4	2	20.05
5094	Lacaille 5063 . . .	5.8	5 57.83	66.8	2	3.095	− 33 20 48.2	65.8	2	20.05
5095	Lacaille 5065 . . .	6.0	6 8.67	64.3	1	3.100	− 38 9 1.2	69.3	2	20.05
5096	12 Virginis	5.2	12 6 18.06	69.6	3	+ 3.065	+ 11 2 29.0	69.4	2	− 20.05
5097	Lacaille 5066 . . .	6.2	6 21.15	67.7	9	3.096	− 33 0 49.7	67.3	3	20.05
5098	Lacaille 5067 . . .	7.6	6 26.47	62.3	2	3.091	− 26 32 32.3	64.9	2	20.05
5099	Lacaille 5071 . . .	7.0	6 47.29	66.8	2	3.096	− 31 36 28.7	65.8	2	20.05
5100	Weisse XII, 91. . .	9.0	6 56.43	61.3	3	3.068	+ 5 46 42.3	58.6	4	20.05
5101	Groombridge 1860. .	8.2	12 7 1.72	70.3	4	+ 2.662	+ 84 16 54.1	66.8	6	− 20.04
5102	Lacaille 5073 . . .	7.5	7 2.50	68.3	1	3.099	− 33 0 1.5	65.3	2	20.05
5103	Lalande 22934, (1st *).	7.0	7 3.03	68.8	2	3.045	+ 33 33 48.0	47.3	1	20.05
5104	Lalande 22934, (2d *).	8.2	7 5.18	68.8	2	3.045	+ 33 33 47.0	47.3	1	20.05
5105	Lacaille 5074 . . .	7.5	7 51.44	62.4	1	3.097	− 28 16	. .	.	20.04
5106	B. A. C. 4122 . . .	6.0*	12 8 26.07	60.3	2	+ 2.929	+ 70 58 46.8	54.3	3	− 20.04
5107	δ Ursæ Majoris . . .	3.8	8 28.71	51.0	7	2.993	+ 57 48 38.0	62.4	6	20.04
5108	γ Corvi	3.5	8 36.69	58.3	2	3.087	− 16 45 51.8	69.7	3	20.04
5109	Weisse XII, 119 . .	9.0	8 41.82	59.2	2	3.065	+ 8 13 29.3	55.8	2	20.04
5110	Anonymous . . .	7.8	8 44.96	64.2	5	3.097	− 25 47 5.9	66.3	3	20.04

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			h. m. s.			″	° ′ ″			″
5111	O. Arg. S. 12037 . .	8.5	12 8 47.38	64.1	5	+ 3.100	− 28 50 43.6	65.8	2	− 20.04
5112	Anonymous. . . .	9.0	8 48.22	64.3	2	3.097	− 25 49 7.7	67.7	3	20.04
5113	Weisse XII, 107 . .	6.5	8 58.36	71.3	3	3.080	− 9 29 50.7	71.3	2	20.04
5114	Weisse XII, 130 . .	8.3	9 18.69	59.3	3	3.064	+ 8 7 58.9	55.4	2	20.04
5115	B. A. C. 4128 . . .	5.2	9 27.36	68.3	2	3.035	+ 33 50 40.4	47.3	1	20.04
5116	Weisse XII, 114 . .	8.8	12 9 28.	. .	.	+ 3.081	− 9 29 38.9	71.3	1	− 20.04
5117	Anonymous. . . .	6.9	9 36.13	64.2	4	3.098	− 25 49 7.7	66.8	4	20.04
5118	Weisse XII, 144 . .	7.9	10 17.94	63.3	3	3.064	+ 7 22 49.5	62.5	4	20.04
5119	Lacaille 5088 . . .	6.0	10 29.20	62.9	5	3.115	− 35 18 57.3	65.3	2	20.04
5120	Weisse XII, 149 . .	8.3	10 34.80	68.8	2	3.063	+ 8 26 34.5	55.3	3	20.04
5121	O. Arg. S. 12057 . .	6.9	12 10 40.45	64.3	3	+ 3.099	− 23 14 7.5	67.9	2	− 20.03
5122	Weisse XII, 160 . .	9.0	11 0.18	60.3	2	3.065	+ 5 52 21.4	62.1	4	20.03
5123	Anonymous. . . .	8.4	11 19.27	66.8	2	3.104	− 25 47 16.8	69.4	3	20.03
5124	13 Virginis	6.0	11 29.71	62.4	9	3.072	− 0 0 30.8	64.6	3	20.03
5125	Anonymous . . .	8.0	11 31.41	66.0	3	3.042	+ 23 53 53.7	64.1	3	20.03
5126	Weisse XII, 177 . .	9.4	12 12 3.37	65.3	1	+ 3.072	+ 0 10 51.1	70.3	2	− 20.03
5127	Weisse XII, 179 . .	9.0	12 3.60	62.3	2	3.062	+ 7 47 5.8	68.4	2	20.03
5128	Anonymous . . .	8.0	12 10.29	65.3	2	3.106	− 25 19 34.0	69.3	2	20.03
5129	Lacaille 5097 . . .	6.5	12 13.80	66.3	2	3.116	− 31 48 41.3	68.4	3	20.03
5130	8 Comæ	6.0	12 14.67	67.0	4	3.040	+ 23 48 44.6	54.4	3	20.03
5131	Weisse XII, 184 . .	8.2	12 12 17.28	62.3	2	+ 3.062	+ 7 46 11.6	60.2	5	− 20.03
5132	Rumker 3907 . . .	8.5	12 31.79	62.0	3	3.064	+ 6 19 32.9	56.7	3	20.03
5133	O. Arg. S. 12082 . .	6.7	12 38.99	63.6	3	3.108	− 25 57 31.6	65.3	2	20.03
5134	B. A. C. 4150 . . .	7.3	12 42.50	62.7	6	1.547	+ 87 12 51.3	67.4	2	20.02
5135	Anonymous . . .	7.2	12 42.72	64.8	2	3.111	− 27 44 49.5	67.3	1	20.02
5136	η Virginis	3.4*	12 12 44.65	61.3	87	+ 3.072	+ 0 6 41.4	58.7	19	− 20.02
5137	Lacaille 5102 . . .	7.3	12 46.22	63.3	2	3.128	− 37 1 17.1	70.9	2	20.02
5138	Rumker 3911 . . .	7.7	12 47.33	63.3	8	3.064	+ 6 26 54.4	61.1	8	20.02
5139	3 Canum Venaticorum .	5.5	12 54.04	70.8	6	2.983	+ 49 45 41.2	68.4	2	20.02
5140	Weisse XII, 199 . .	9.0	13 3.29	69.3	1	3.063	+ 6 31 34.4	70.3	1	20.02
5141	c Virginis	5.0*	12 13 14.28	66.3	2	+ 3.066	+ 4 5 34.0	66.3	2	− 20.02
5142	Weisse (2) XII, 268 .	6.0	13 14.66	68.8	2	3.010	+ 38 40 48.0	46.9	2	20.02
5143	B. A. C. 4153 . . .	6.0	13 17.08	60.3	2	3.032	+ 27 24 3.7	54.4	3	20.02
5144	Anonymous . . .	9.0	13 35.73	69.4	1	3.110	− 25 51 32.9	64.2	1	20.02
5145	Lacaille 5109 . . .	6.5	13 43.53	66.3	2	3.144	− 41 47 4.7	70.1	3	20.02
5146	Anonymous . . .	. .	12 13 57.	. .	.	+ 3.111	− 25 36 33.1	70.4	1	− 20.02
5147	O. Arg. S. 12101 . .	7.2	13 59.10	66.8	2	3.112	− 25 57 18.5	65.8	2	20.02
5148	Anonymous	7.5	14 5.24	69.3	2	+ 3.117	− 28 56 45.5	69.0	3	20.02
5149	B. A. C. 4165 . . .	6.0*	14 19.60	62.2	13	− 0.068	+ 88 28 32.4	65.9	4	20.02
5150	Weisse XII, 221 . .	9.2	14 21.25	59.3	2	+ 3.059	+ 8 35 48.4	70.4	1	20.02

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			h. m. s.			"	° ′ ″			"
5151	Anonymous . . .	9.5	12 14 26.	. .	.	+ 3.059	+ 8 39 42.0	70.4	1	— 20.02
5152	Lacaille 5117 . . .	7.0	14 52.63	62.8	2	3.139	— 37 40 24.6	71.3	2	20.01
5153	B. A. C. 4166 . . .	8.0	15 4.07	69.3	2	2.215	+ 84 9 4.8	46.9	2	20.01
5154	O. Arg. S. 12116 . .	6.3	15 9.87	64.6	3	3.110	— 23 27 32.5	69.4	4	20.01
5155	Anonymous . . .	8.6	15 17.23	66.9	2	3.129	— 32 48	. .	.	20.01
5156	Dorpat 1636, (1st *) .	9.6	12 15 24.37	64.9	5	+ 3.062	+ 6 5	. .	.	— 20.01
5157	17 Virginis.	7.1	15 24.96	61.3	11	3.062	+ 6 5 2.9	60.6	3	20.01
5158	12 Comæ	5.0*	15 27.83	63.3	3	3.027	+ 26 37 25.2	68.9	2	20.01
5159	Weisse (2) XII, 320. .	7.5	15 32.29	64.8	2	3.025	+ 27 23 56.8	54.4	2	20.01
5160	Lacaille 5125 . . .	7.2	15 43.30	62.6	3	3.113	— 24 5 43.7	63.4	2	20.01
5161	Lacaille 5126 . . .	7.1	12 15 52.73	63.6	3	+ 3.141	— 36 42 47.6	67.8	2	— 20.01
5162	Weisse XII, 252 . .	9.2	15 57.16	62.8	2	3.060	+ 7 37 17.4	67.3	2	20.01
5163	B. A. C. 4171 . . .	7.0*	15 57.66	60.7	2	3.083	— 6 31 21.7	58.7	5	20.01
5164	O. Arg. S. 12124 . .	7.5	16 4.11	67.3	2	3.117	— 25 41 40.4	68.4	2	20.01
5165	6 Corvi	6.0	16 4.26	62.6	3	3.114	— 24 3 46.4	63.4	2	20.01
5166	B. A. C. 4175 . . .	5.8	12 16 22.11	62.8	2	+ 3.147	— 38 8 3.6	68.3	2	— 20.00
5167	Lacaille 5131 . . .	6.9	16 28.01	64.7	3	3.126	— 29 33 29.1	66.8	2	20.00
5168	Weisse XII, 261 . .	8.8	16 36.11	63.2	3	3.050	+ 12 41 50.2	68.1	3	20.00
5169	Lalande 23198 . . .	7.7	16 45.89	64.2	2	3.118	— 25 14 15.2	64.3	2	20.00
5170	Lacaille 5134 . . .	7.0	16 49.30	65.8	2	3.149	— 38 8 15.2	68.3	3	20.00
5171	O. Arg. S. 12134 . .	8.3	12 16 49.72	66.8	2	+ 3.115	— 23 28 0.3	69.4	2	— 20.00
5172	4 Canum Venaticorum .	5.0	16 53.26	62.2	4	2.979	+ 43 19 6.9	60.9	7	20.00
5173	Weisse (2) XII, 356 .	8.5	17 28.02	59.3	2	3.029	+ 22 56 43.3	55.3	3	20.00
5174	Lalande 23219 . . .	8.5	17 33.65	66.4	2	3.081	— 4 52 17.9	70.3	3	20.00
5175	Lacaille 5143 . . .	7.0	17 57.29	63.5	5	3.121	— 25 12 44.2	64.3	2	19.99
5176	Lacaille 5144 . . .	5.5	12 17 58.99	63.4	1	+ 3.125	— 26 58 23.3	67.4	2	— 19.99
5177	k^2 Centauri.	5.8	17 59.77	63.3	2	3.146	— 34 24 36.5	68.4	2	19.99
5178	B. A. C. 4184 . . .	6.0	18 12.26	65.4	2	3.023	+ 24 42 14.2	66.3	2	19.99
5179	Radcliffe 2860 . . .	6.0	18 33.14	62.3	1	2.845	+ 64 34 43.3	65.3	2	19.99
5180	Weisse XII, 291 . . .	8.0	18 38.44	65.8	2	3.080	— 4 5 5.8	60.9	3	19.99
5181	Rumker 3966 . . .	7.8	12 18 46.17	60.0	3	+ 3.062	+ 4 58 32.2	55.3	3	— 19.99
5182	O. Arg. S. 12161 . .	7.7	19 18.98	64.3	2	3.128	— 26 24 24.3	68.9	2	19.98
5183	Carrington 1849 . .	8.6	19 25.64	65.3	2	1.418	+ 86 4 58.5	58.8	4	19.98
5184	B. A. C. 4193 . . .	6.0	19 26.86	68.4	2	1.956	+ 84 12 17.4	46.9	2	19.98
5185	Lalande 23269 . . .	7.6	19 28.09	68.3	2	2.984	+ 37 53 21.1	47.4	2	19.98
5186	B. A. C. 4192 . . .	5.8	12 19 29.51	63.0	3	+ 3.143	— 32 3 12.5	68.8	2	— 19.98
5187	Lalande 23270 . . .	7.3	19 35.65	63.4	1	3.082	— 4 48 57.6	67.8	2	19.98
5188	O. Arg. S. 12165 . .	8.1	19 47.24	68.8	2	3.130	— 26 55 32.6	68.4	2	19.98
5189	Weisse XII, 311 . .	8.8	19 48.08	67.4	2	3.042	+ 14 49 14.9	68.8	2	19.98
5190	16 Comæ	5.5	19 58.97	45.4	1	3.011	+ 27 36 3.7	70.3	2	19.98

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			h. m. s.			"	° ′ ″			"
5191	O. Arg. S. 12170 . .	7.2	12 20 6.26	63.8	7	+ 3.131	− 27 56 26.6	66.9	2	− 19.98
5192	O. Arg. S. 12173 . .	8.3	20 7.71	67.4	2	3.138	− 29 18 24.6	70.3	2	19.98
5193	Anonymous . . .	9.0	20 29.12	59.4	1	3.086	− 6 48 19.7	63.4	2	19.98
5194	B. A. C. 4198 . . .	6.7	20 33.52	65.9	2	3.106	− 15 51 23.8	65.3	2	19.97
5195	Weisse (2) XII, 424 .	8.4	20 33.71	59.3	4	3.016	+ 25 0 9.9	54.7	5	19.97
5196	B. A. C. 4200 . . .	6.5*	12 20 40.74	54.7	3	+ 3.080	− 3 50 23.4	71.3	2	− 19.97
5197	Weisse XII, 335 . .	8.0	20 47.24	59.4	2	3.086	− 6 47 32.3	56.3	2	19.97
5198	73 Ursæ Majoris . . .	6.0*	20 54.67	62.8	4	2.888	+ 56 29 17.5	58.4	3	19.97
5199	B. A. C. 4202 . . .	5.6	20 56.49	63.0	3	3.168	− 38 15 56.4	70.4	2	19.97
5200	Weisse XII, 345 . .	9.1	21 11.90	63.2	3	3.043	+ 13 7 18.5	66.7	2	19.97
5201	Anonymous . . .	8.2	12 21 13.72	64.3	4	+ 3.159	− 35 9 21.9	65.3	2	− 19.97
5202	Anonymous . . .	7.5	21 27.36	65.3	1	3.167	− 37 11 31.2	70.3	2	19.97
5203	Anonymous . . .	8.8	21 27.57	69.4	1	3.167	− 37 14 28.8	70.3	2	19.97
5204	Weisse (2) XII, 446 .	8.5	21 46.60	59.3	3	3.019	+ 22 46 43.6	57.3	2	19.97
5205	Anonymous . . .	8.6	21 50.11	68.8	2	3.162	− 35 13 19.0	66.3	2	19.96
5206	Weisse XII, 359 . .	8.3	12 21 55.65	62.0	3	+ 3.057	+ 6 44 8.3	65.9	2	− 19.96
5207	Weisse XII, 360 . .	9.0*	21 57.70	71.2	3	3.055	+ 7 38 25.3	67.4	2	19.96
5208	Anonymous . . .	8.0	22 27.83	64.3	4	3.164	− 35 3 21.3	65.3	2	19.96
5209	Anonymous . . .	8.6	22 33.76	68.3	2	3.173	− 37 33 53.3	66.2	2	19.96
5210	δ Corvi.	5.0	22 37.50	61.4	2	3.109	− 15 44 8.5	65.6	3	19.96
5211	Lacaille 5176 . . .	7.6	12 22 40.23	63.3	3	+ 3.152	− 31 17 5.6	62.3	2	− 19.96
5212	20 Comæ	6.0	22 40.98	61.4	3	3.020	+ 21 40 18.4	64.6	3	19.96
5213	Weisse (2) XII, 478 .	8.0	22 55.76	59.2	2	3.009	+ 25 6 50.9	55.5	6	19.96
5214	B. A. C. 4214 . . .	5.6	22 58.05	67.3	2	3.129	− 22 55 20.2	69.3	2	19.95
5215	7 Canum Venaticorum .	6.0*	23 24.89	59.6	4	2.896	+ 52 18 30.3	53.3	4	19.95
5216	Lacaille 5188 . . .	7.5	12 23 44.84	66.4	2	+ 3.155	− 30 51 39.5	67.6	4	− 19.95
5217	Weisse (2) XII, 500 .	6.8	24 3.67	68.4	2	3.008	+ 24 32 43.4	57.4	2	19.95
5218	Weisse XII, 390 . .	9.5	24 4.17	61.3	2	3.089	− 6 53 24.7	57.3	2	19.95
5219	Anonymous . . .	8.8	24 7.23	71.3	2	3.059	+ 5 26 32.7	67.4	2	19.95
5220	Anonymous . . .	8.3	24 10.12	64.3	3	3.163	− 32 53 45.2	69.8	2	19.94
5221	Lalande 23408 . . .	7.1	12 24 12.80	69.0	6	+ 3.058	+ 5 29 42.3	67.4	2	− 19.94
5222	O. Arg. S. 12219 . .	6.8	24 13.95	64.0	6	3.154	− 30 12 29.4	66.4	1	19.94
5223	Weisse XII, 402 . .	7.2	24 26.90	63.1	5	3.083	− 4 16 48.4	60.9	2	19.94
5224	Lacaille 5189 . . .	6.5	24 29.08	63.3	2	3.193	− 40 16 50.8	70.0	3	19.94
5225	Lacaille 5191 . . .	6.2	24 39.85	63.6	3	3.161	− 31 45 34.9	66.0	3	19.94
5226	Weisse XII, 409 . .	8.0	12 24 43.68	59.8	2	+ 3.056	+ 6 29 0.9	57.8	2	− 19.94
5227	Lacaille 5192 . . .	7.6	24 47.69	62.3	2	3.145	− 26 47 34.7	70.4	3	19.94
5228	Weisse (2) XII, 526 .	8.5	25 8.68	59.3	2	3.014	+ 21 41 34.7	55.3	2	19.93
5229	Lacaille 5193 . . .	7.0	25 10.30	65.2	5	3.162	− 31 41 26.8	69.4	2	19.93
5230	Weisse XII, 416 . .	9.0	25 14.50	59.4	2	3.055	+ 6 28 31.5	57.8	2	19.93

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			h. m. s.			″	° ′ ″			″
5231	O. Arg. S. 12232 . .	7.5	12 25 26.50	64.9	8	+ 3.155	− 29 16 17.3	64.8	2	− 19.93
5232	O. Arg. N. 12726 . .	7.5	25 39.05	65.8	2	2.758	+ 64 31 51.5	65.3	2	19.93
5233	Anonymous . . .	7.8	25 39.27	62.3	2	3.161	− 30 52 18.4	69.4	2	19.93
5234	Anonymous . . .	8.5	26 4.03	67.8	2	3.166	− 31 40 50.4	68.4	1	19.93
5235	Anonymous . . .	8.4	26 17.32	66.8	2	3.170	− 32 29 48.5	70.4	2	19.92
5236	O. Arg. S. 12243 . .	7.8	12 26 27.32	67.3	2	+ 3.136	− 22 44 19.4	69.4	2	− 19.92
5237	Weisse XII, 433 . .	9.0*	26 28.78	60.3	2	3.062	+ 3 41 4.5	58.9	4	19.92
5238	q Virginis	6.0	26 33.34	63.0	18	3.096	− 8 40 45.3	67.4	2	19.92
5239	Weisse (2) XII, 556 .	6.3	26 35.37	68.4	2	3.000	+ 25 3 21.5	55.4	1	19.92
5240	Anonymous . . .	7.5	26 39.80	66.7	3	3.168	− 31 42 52.3	69.0	3	19.92
5241	Anonymous . . .	9.5	12 26 41.34	67.4	2	+ 3.159	− 29 22	. .	.	− 19.92
5242	β Corvi	2.3*	27 2.33	53.3	129	3.138	− 22 37 18.8	49.4	37	19.92
5243	Anonymous . . .	9.0	27 10.08	61.3	2	3.064	+ 3 1	. .	.	19.91
5244	Weisse XII, 452 . .	8.2	27 25.32	68.8	2	3.053	+ 6 44 20.4	67.8	2	19.91
5245	O. Arg. S. 12254 . .	8.3	27 27.93	68.7	3	3.139	− 22 42 12.9	71.3	1	19.91
5246	κ Draconis	3.6	12 27 29.15	63.0	15	+ 2.619	+ 70 33 36.5	63.1	17	− 19.91
5247	Weisse (2) XII, 581 .	7.5	27 32.01	68.3	2	3.008	+ 21 40 23.5	55.3	2	19.91
5248	O. Arg. S. 12258 . .	7.7	27 38.52	67.3	2	3.150	− 25 56 23.7	70.8	2	19.91
5249	Weisse XII, 461 . .	8.5	28 3.12	63.5	5	3.032	+ 13 42 39.3	64.4	2	19.91
5250	B. A. C. 4241 . . .	6.7	28 4.88	60.0	4	3.015	+ 19 8 53.7	68.3	2	19.91
5251	24 Comæ	4.5	12 28 6.27	60.3	3	+ 3.015	+ 19 8 53.1	55.8	7	− 19.90
5252	Weisse XII, 463 . .	8.0	28 7.94	61.3	2	3.063	+ 3 1 52.3	65.0	6	19.90
5253	Weisse (2) XII, 599 .	6.2	28 8.19	59.2	2	3.004	+ 22 39 15.0	54.8	2	19.90
5254	B. A. C. 4243 . . .	5.5	28 14.32	63.3	2	3.211	− 40 14 58.2	68.4	2	19.90
5255	Weisse (2) XII, 602 .	7.3	28 20.16	69.8	2	2.947	+ 37 11 52.0	47.1	3	19.90
5256	Lacaille 5214 . . .	6.0	12 28 29.60	69.3	2	+ 3.207	− 39 5 47.3	67.3	2	− 19.90
5257	Anonymous . . .	7.4	28 40.83	69.3	2	3.180	− 32 58 27.5	64.3	2	19.90
5258	O. Arg. S. 12269 . .	9.0	28 42.60	66.9	2	3.151	− 25 13 7.3	68.8	2	19.90
5259	Lacaille 5220 . . .	7.5	29 26.26	64.2	5	3.176	− 31 24 12.7	62.4	2	19.89
5260	f Virginis	6.0*	29 34.78	63.0	7	3.087	− 5 3 35.0	65.3	2	19.89
5261	O. Arg. S. 12286 . .	7.9	12 29 50.85	64.4	2	+ 3.154	− 25 14 49.2	68.8	2	− 19.89
5262	O. Arg. S. 12288 . .	7.8	30 6.88	68.3	2	3.164	− 27 38 40.2	65.3	2	19.88
5263	Weisse XII, 494 . .	7.8	30 7.48	60.9	2	3.095	− 7 31 40.7	66.9	2	19.88
5264	Weisse (2) XII, 636 .	8.2	30 11.23	62.6	5	2.954	+ 33 47 51.0	69.4	2	19.88
5265	B. A. C. 4253 . . .	5.7	30 17.30	62.7	3	3.159	− 26 21 51.7	63.4	2	19.88
5266	Weisse XII, 497 . .	8.0	12 30 18.68	63.2	5	+ 3.029	+ 13 45 16.5	65.0	3	− 19.88
5267	Lacaille 5226 . . .	6.8	30 53.20	63.0	3	3.212	− 38 1 35.5	69.9	2	19.87
5268	Weisse XII, 510 . .	7.6	31 4.07	67.3	4	3.063	+ 2 45 2.5	67.3	2	19.87
5269	B. A. C. 4254 . . .	Var.	31 14.05	62.8	5	3.064	+ 2 37 33.4	57.8	3	19.87
5270	Weisse XII, 515 . .	8.5	31 23.06	59.3	2	3.069	+ 0 59 17.0	64.3	2	19.87

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			h. m. s.			″	° ′ ″			″
5271	Weisse XII, 516, (1st *)	8.0	12 31 28.83	68.3	2	+ 3.087	— 4 33 11.7	58.2	2	— 19.87
5272	Weisse XII, 516, (2d *)	8.8	31 29.38	68.3	2	3.087	— 4 33 11.7	58.2	2	19.87
5273	B. A. C. 4255 . . .	5.7	31 31.50	67.3	2	3.084	— 3 36 10.7	70.9	2	19.87
5274	Weisse XII, 519 . .	7.8	31 32.23	61.6	6	3.024	+ 14 34 38.4	61.3	6	19.87
5275	B. A. C. 4256 . . .	6.7	31 36.91	63.4	3	3.177	— 29 39 6.8	68.2	2	19.86
5276	Anonymous . . .	9.4	12 31 45.65	67.3	2	+ 3.027	+ 13 37 46.9	69.8	2	— 19.86
5277	Anonymous . . .	9.0	31 48.55	62.7	3	3.024	+ 14 34 26.1	61.0	3	19.86
5278	Weisse XII, 525 . .	9.0	31 57.67	59.4	2	3.024	+ 14 38 17.7	57.8	2	19.84
5279	Weisse XII, 526 . .	9.3	31 57.83	62.3	4	3.024	+ 14 33 30.5	69.9	2	19.85
5280	Lacaille 5230 . . .	7.6	31 58.11	62.7	3	3.174	— 28 46 0.3	64.9	2	19.86
5281	χ Virginis	4.8	12 32 1.35	63.0	20	+ 3.096	— 7 13 29.3	54.4	2	— 19.86
5282	B. A. C. 4262 . . .	5.5	32 18.33	69.3	2	3.225	— 39 12 59.1	67.3	2	19.86
5283	Lacaille 5232 . . .	7.6	32 21.76	62.6	4	3.176	— 28 53 7.0	69.4	2	19.86
5284	Lalande 23653 . . .	6.8	32 27.88	68.4	2	2.931	+ 36 43 19.4	47.3	2	19.86
5285	Lacaille 5234 . . .	7.2	32 43.35	64.9	5	3.216	— 37 5 13.3	66.3	2	19.85
5286	O. Arg. S. 12332 . .	8.2	12 33 18.70	64.3	2	+ 3.167	— 26 3 37.9	70.8	2	— 19.84
5287	Lalande 23666 . . .	6.0	33 19.47	68.8	2	2.937	+ 34 56 7.8	47.4	2	19.84
5288	Lacaille 5239 . . .	8.5	33 25.94	62.7	3	3.171	— 26 56 36.0	67.4	1	19.84
5289	Weisse XII, 549 . .	7.5	33 26.76	59.8	2	3.097	— 7 40 23.6	66.7	3	19.84
5290	Lacaille 5238 . . .	6.7	33 31.40	66.3	2	3.256	— 43 19 57.1	70.9	2	19.84
5291	O. Arg. S. 12338 . .	6.8	12 33 47.86	65.9	2	+ 3.173	— 27 8 20.1	65.3	1	— 19.84
5292	O. Arg. S. 12342 . .	7.3	34 3.52	64.5	5	3.161	— 24 13 30.1	69.4	2	19.83
5293	Weisse XII, 564 . .	9.0	34 23.53	65.3	2	3.062	+ 2 45 58.0	56.9	2	19.83
5294	γ^2 Virginis.	3.8*	34 33.89	64.9	6	3.074	— 0 40 53.4	70.4	2	19.83
5295	γ^1 Virginis.	3.5*	34 33.96	61.4	18	3.074	— 0 40 50.4	64.2	4	19.83
5296	28 Virginis	6.0*	12 34 43.41	60.5	6	+ 3.096	— 6 43 47.0	65.4	2	— 19.83
5297	Lacaille 5252 . . .	7.4	34 58.50	63.3	2	3.226	— 37 8 3.7	67.3	2	19.82
5298	Weisse XII, 580 . .	8.5	35 0.58	39.3	2	3.018	+ 14 55 39.5	55.3	2	19.82
5299	Weisse XII, 579 . .	8.2	35 2.13	68.3	2	3.089	— 4 50 7.5	58.3	2	19.82
5300	Weisse XII, 583 . .	9.0	35 14.73	67.3	3	3.063	+ 2 23 8.6	61.1	3	19.82
5301	Weisse XII, 584 . .	8.5	12 35 19.74	61.8	2	+ 3.064	+ 2 5 56.8	57.8	2	— 19.82
5302	Weisse XII, 585 . .	7.5	35 23.25	68.3	2	3.089	— 4 41 52.5	58.2	2	19.82
5303	Lalande 23711 . . .	7.5	35 31.10	68.4	2	2.930	+ 34 27 42.6	47.4	1	19.81
5304	Anonymous . . .	8.2	35 40.16	65.1	4	3.218	— 35 14 32.1	69.4	2	19.81
5305	Lacaille 5256 . . .	6.7	35 48.12	62.9	2	3.165	— 24 13 18.7	67.0	3	19.81
5306	Lacaille 5254 . . .	6.5	12 35 48.82	65.8	2	+ 3.243	— 39 24 34.9	67.3	2	— 19.81
5307	Anonymous . . .	7.0	35 53.11	64.9	3	3.250	— 40 33 16.2	71.3	2	19.81
5308	Lacaille 5257 . . .	6.5	36 6.30	69.3	2	3.172	— 25 32 0.6	66.4	2	19.81
5309	Anonymous . . .	8.0	36 7.28	69.3	2	3.217	— 34 38 44.9	67.8	2	19.81
5310	Lacaille 5261 . . .	7.0	36 26.47	63.3	2	3.217	— 34 21 1.7	69.3	2	19.80

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			h. m. s.			″	° ′ ″			″
5311	B. A. C. 4277 . . .	6.0*	12 36 26.76	60.3	2	+ 3.075	− 0 48 22.8	54.3	3	− 19.80
5312	B. A. C. 4278 . . .	5.7	36 33.24	63.3	4	3.182	− 27 33 18.1	65.3	2	19.80
5313	Anonymous . . .	8.0	36 40.47	69.4	3	3.229	− 36 28 4.2	68.7	3	19.80
5314	B. A. C. 4281 . . .	6.0*	37 14.87	65.6	2	0.861	+ 84 24 43.8	61.7	3	19.79
5315	Anonymous . . .	9.0	37 24.61	63.4	1	3.017	+ 14 14 45.6	66.4	1	19.79
5316	Weisse XII, 626 . .	9.0	12 37 31.68	62.3	2	+ 3.017	+ 14 7 0.2	66.7	3	− 19.79
5317	O. Arg. S. 12389 . .	6.2	37 48.35	64.2	2	3.189	− 27 59 54.0	67.9	2	19.78
5318	B. A. C. 4282 . . .	6.8	37 50.13	68.9	2	2.853	+ 44 52 11.2	65.4	2	19.78
5319	O. Arg. S. 12390 . .	7.7	37 51.21	66.8	2	3.194	− 29 0 56.3	66.4	2	19.78
5320	Weisse XII, 632 . .	8.2	37 53.48	64.8	9	3.016	+ 14 15 27.7	66.3	2	19.78
5321	Anonymous. . . .	7.2	12 38 2.73	64.3	2	+ 3.239	− 37 3 15.6	68.3	3	− 19.78
5322	Weisse XII, 638 . .	9.0	38 9.96	59.3	2	3.065	+ 1 49 27.9	58.3	2	19.78
5323	10 Canum Venaticorum .	6.0*	38 21.66	59.4	2	2.885	+ 40 2 22.7	53.8	9	19.78
5324	Weisse XII, 646 . .	8.0	38 24.84	63.3	6	3.016	+ 14 10 54.2	65.4	2	19.77
5325	d^2 Virginis	6.2	38 32.61	61.7	3	3.039	+ 8 26 21.8	69.4	2	19.77
5326	Weisse XII, 652 . .	8.0	12 38 53.95	63.9	11	+ 3.014	+ 14 20 56.5	66.4	3	− 19.77
5327	Anonymous . . .	10.0	39 3.17	65.3	1	3.013	+ 14 29 22.3	68.3	1	19.77
5328	Lacaille 5278 . . .	5.8	39 13.26	63.8	5	3.217	− 32 32 56.3	66.4	2	19.76
5329	Weisse XII, 661 . .	8.2	39 22.11	59.2	2	3.072	− 0 3 20.6	55.7	3	19.76
5330	Weisse XII, 665 . .	8.8	39 34.67	60.8	4	3.016	+ 13 43 46.0	66.3	2	19.76
5331	Weisse XII, 668 . .	8.0	12 39 50.74	59.3	2	+ 3.106	− 8 26 53.6	55.4	2	− 19.75
5332	Lalande 23832 . . .	7.5	40 3.00	64.5	11	3.012	+ 14 22 55.9	65.4	3	19.75
5333	Lacaille 5282 . . .	7.0	40 26.98	62.7	3	3.178	− 24 14 56.2	62.8	2	19.74
5334	Lacaille 5283 . . .	6.6	40 27.56	62.7	3	3.177	− 24 5 15.4	71.3	2	19.74
5335	Lacaille 5281 . . .	6.7	40 31.28	66.3	2	3.299	− 43 57 10.4	70.3	2	19.74
5336	35 Virginis	6.0*	12 40 43.74	62.4	3	+ 3.054	+ 4 20 18.0	71.6	3	− 19.74
5337	Lacaille 5284 . . .	6.7	40 45.53	64.2	4	3.217	− 31 33 33.9	72.0	3	19.74
5338	Weisse XII, 685 . .	7.5	40 49.68	68.3	2	3.012	+ 14 11 22.1	67.3	2	19.74
5339	B. A. C. 4298 . . .	6.5	40 52.73	65.6	2	1.506	+ 81 23 17.5	67.4	2	19.74
5340	O. Arg. N. 12996 . .	9.2	40 54.73	65.4	4	1.948	+ 78 4 16.8	69.4	2	19.74
5341	B. A. C. 4297 . . .	5.9	12 40 58.90	63.1	3	+ 3.192	− 26 49 50.3	70.9	2	− 19.74
5342	28 Comæ	5.8	41 13.56	64.8	14	3.011	+ 14 19 7.8	61.4	5	19.73
5343	O. Arg. S. 12444 . .	9.0	41 37.17	66.8	2	3.185	− 25 5 45.7	71.4	1	19.73
5344	Rumker 4137 . . .	6.9	41 44.66	68.8	2	3.108	− 8 27 16.7	55.4	2	19.72
5345	Lalande 23896 . . .	7.0	41 47.07	68.4	2	2.889	+ 37 6 24.7	47.3	1	19.72
5346	Weisse XII, 706 . .	8.8	12 41 48.86	59.2	2	+ 3.008	+ 14 48 3.1	56.7	3	− 19.72
5347	29 Comæ	6.4	41 53.22	57.7	12	3.007	+ 14 53 15.0	60.0	8	19.72
5348	Anonymous . . .	8.6	41 53.74	69.3	2	2.991	+ 18 29 58.9	55.3	1	19.72
5349	Lacaille 5291 . . .	7.5	41 56.86	65.8	2	3.236	− 34 1 38.4	69.7	3	19.72
5350	11 Canum Venaticorum .	6.0*	42 14.77	65.4	2	2.788	+ 49 13 49.9	67.4	2	19.72

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			h. m. s.			"	° ′ ″			"
5351	Lalande 23919 . . .	7.8	12 42 32.78	68.9	2	+ 2.892	+ 36 5 9.3	47.1	1	— 19.71
5352	O. Arg. S. 12460 . .	7.8	42 41.26	64.3	3	3.188	— 25 4 36.2	69.3	2	19.71
5353	Weisse XII, 722 . .	9.2	42 45.64	64.8	2	3.126	— 12 17 48.2	69.4	2	19.71
5354	Lacaille 5295 . . .	7.2	42 52.34	64.3	2	3.215	— 29 48 52.3	64.8	2	19.71
5355	Anonymous . . .	8.1	42 57.00	64.8	2	3.261	— 37 10 22.0	68.4	2	19.70
5356	Weisse XII, 728 . .	7.5	12 43 9.81	64.9	3	+ 3.126	— 12 16 16.3	68.7	3	— 19.70
5357	Weisse (2) XII, 877 .	8.0	43 17.39	60.3	4	2.988	+ 18 24 59.5	54.6	6	19.70
5358	B. A. C. 4311 . . .	5.8	43 31.01	68.8	2	2.873	+ 38 16 45.7	46.6	6	19.70
5359	Weisse XII, 736 . .	8.9	43 33.37	62.1	5	3.072	+ 0 0 36.2	63.9	2	19.69
5360	Weisse XII, 743 . .	8.5*	44 8.47	67.3	2	3.130	— 12 42 56.1	65.8	2	19.68.
5361	Anonymous . . .	8.8	12 44 9.52	64.8	2	+ 3.192	— 25 4 8.5	70.3	2	— 19.68
5362	Lacaille 5301 . . .	6.8	44 11.62	66.7	2	3.222	— 30 19 15.4	67.9	2	19.68
5363	B. A. C. 4313 . . .	6.3	44 15.12	63.0	3	3.279	— 38 55 3.5	67.3	2	19.68
5364	Lacaille 5302 . . .	6.5	44 17.20	66.7	2	3.223	— 30 26 22.2	68.7	2	19.68
5365	Lacaille 5304 . . .	6.5	44 29.39	62.7	3	3.198	— 25 58 36.7	63.4	2	19.68
5366	Weisse XII, 757 . .	7.7	12 44 41.48	61.8	4	+ 3.068	+ 0 50 54.7	63.0	8	— 19.68
5367	Anonymous . . .	. .	44 41.56	69.4	2	3.068	+ 0 57 16.3	58.2	1	19.68
5368	Anonymous . . .	9.0	45 4.49	68.9	2	3.280	— 38 33 0.8	65.3	1	19.67
5369	Weisse XII, 764 . .	9.0	45 17.64	65.5	6	3.067	+ 0 59 31.2	61.7	3	19.67
5370	Lacaille 5311 . . .	7.5	45 21.55	65.4	1	3.282	— 38 37 42.5	65.3	2	19.66
5371	O. Arg. S. 12495 . .	7.5	12 45 44.23	62.9	6	+ 3.220	— 29 15 12.4	64.8	4	— 19.66
5372	38 Virginis	6.0*	46 1.03	64.8	6	3.086	— 2 47 29.2	58.3	2	19.65
5373	Weisse XII, 786 . .	8.4	46 26.18	68.3	2	3.068	+ 0 52 21.1	64.0	3	19.65
5374	Anonymous . . .	7.5	46 30.43	68.4	1	3.287	— 38 34 48.1	64 3	1	19.64
5375	Anonymous . . .	. .	46 41.07	69.3	1	3.289	— 38 43 1.0	71.3	1	19.64
5376	Anonymous, (1st *) .	7.0	12 46 44.18	69.3	2	+ 3.211	— 27 11 51.5	65.3	2	— 19.64
5377	Anonymous, (2d *) .	8.5	46 44.76	69.3	1	3.211	— 27 11 51.5	65.3	2	19.64
5378	Anonymous . . .	8.5	46 59.72	69.3	2	3.290	— 38 44 46.0	69.4	3	19.63
5379	ψ Virginis	4.8	47 4.53	62.0	12	3.114	— 8 46 41.1	58.4	2	19.63
5380	B. A. C. 4331 . . .	6.0	47 11.45	66.3	2	3.330	— 43 23 2.3	68.4	2	19.63
5381	Lacaille 5320 . . .	6.8	12 47 19.43	65.8	2	+ 3.315	— 41 31 48.9	71.3	2	— 19.63
5382	Weisse XII, 803 . .	8.6	47 33.98	62.8	4	3.119	— 9 40 26.4	60.8	2	19.63
5383	O. Arg. S. 12520 . .	6.6	47 58.18	64.5	7	3.228	— 29 18 35.9	64.8	4	19.63
5384	32 Camelopardi, (1st *) .	5.8	48 0.51	62.3	4	0.344	+ 84 10 43.2	64.4	3	19.62
5385	32 Camelopardi, (2d *) .	5.4	48 8.40	62.3	6	0.340	+ 84 10 26.2	63.9	7	19.62
5386	O. Arg. S. 12523 . .	8.3	12 48 11.91	69.1	4	+ 3.212	— 26 39 33.0	67.9	2	— 19.61
5387	Weisse XII, 818 . .	6.8	48 28.76	64.9	5	3.068	+ 0 48 53.4	57.2	5	19.61
5388	Weisse XII, 819 . .	8.8	48 29.30	62.6	4	3.077	— 0 57 33.5	59.8	2	19.61
5389	Weisse XII, 820 . .	7.0	48 29.40	68.6	3	3.086	— 2 47 29.9	63.9	2	19.61
5390	δ Virginis	5.5	48 33.11	60.7	3	3.052	+ 4 9 31.9	67.3	2	19.61

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			h. m. s.			"	° ′ ″			"
5391	O. Arg. S. 12529 . .	8.1	12 49 2.58	64.3	2	+ 3.214	— 26 36 37.1	69.0	3	— 19.60
5392	Weisse XII, 834 . .	7.5	49 5.29	65.3	3	3.144	— 14 11 19.8	67.8	2	19.60
5393	O. Arg. S. 12533 . .	7.2	49 13.50	66.7	3	3.215	— 26 37 24.8	69.4	2	19.59
5394	Weisse XII, 835 . .	8.0	49 15.74	67.0	3	3.073	— 0 11 33.3	68.9	2	19.59
5395	B. A. C. 4345 . . .	6.7*	49 27.10	64.3	8	2.840	+ 39 4 16.7	56.0	16	19.59
5396	*a* Canum Venaticorum .	3.0*	12 49 28.55	53.0	84	+ 2.840	+ 39 4 30.3	54.6	33	— 19.59
5397	O. Arg. S. 12538 . .	8.0	49 43.07	67.3	2	3.185	— 21 24 45.1	70.7	3	19.59
5398	Anonymous . . .	7.6	49 50.49	68.0	4	3.255	— 32 23 48.2	65.4	2	19.58
5399	8 Draconis	6.0*	49 53.22	67.0	3	2.417	+ 66 11 54.8	62.3	3	19.58
5400	Lacaille 5340 . . .	7.0	49 59.72	63.8	2	3.250	— 31 32 28.8	70.3	2	19.58
5401	Lacaille 5342 . . .	7.0	12 50 18.31	67.4	2	+ 3.301	— 38 9 33.6	67.4	1	— 19.58
5402	Weisse XII, 857 . .	8.2	50 35.44	69.1	5	3.143	— 13 35 14.9	65.3	2	19.57
5403	Anonymous . . .	6.5	50 43.27	68.9	2	3.146	— 14 13 37.6	69.0	3	19.57
5404	Lacaille 5346 . . .	7.5	51 7.38	64.7	3	3.306	— 38 20 53.0	68.7	2	19.56
5405	Anonymous . . .	8.5	51 10.06	67.4	2	3.314	— 39 17	. .	.	19.56
5406	Weisse (2) XII, 1019 .	8.2	12 51 14.16	68.4	2	+ 2.844	+ 37 29 11.8	46.3	2	— 19.56
5407	Lacaille 5347 . . .	7.0	51 16.17	66.3	2	3.348	— 42 56 51.0	71.3	4	19.56
5408	Lacaille 5348 . . .	7.5	51 21.74	63.1	3	3.238	— 29 14 28.7	63.0	3	19.55
5409	Weisse XII, 878 . .	8.2	51 48.51	62.8	5	3.079	— 1 19 23.3	58.4	2	19.55
5410	Weisse XII, 880 . .	7.5	51 51.11	71.2	2	3.120	— 9 5 1.5	71.3	2	19.54
5411	O. Arg. S. 12564 . .	8.0	12 51 58.18	67.3	2	+ 3.190	— 21 22 13.2	71.9	2	— 19.54
5412	Anonymous . . .	7.8	52 19.93	68.3	2	3.287	— 35 25 29.4	65.3	2	19.53
5413	*k* Virginis	6.0*	52 26.88	68.3	4	3.088	— 3 3 19.7	70.4	2	19.53
5414	O. Arg. S. 12573 . .	7.1	52 43.17	64.3	3	3.202	— 23 9 26.5	69.3	2	19.53
5415	Lalande 24193 . . .	8.2	52 43.65	59.4	2	3.069	+ 0 31 34.0	56.3	3	19.53
5416	Anonymous . . .	8.3	12 53 10.	. .	.	+ 2.251	+ 69 27 46.8	71.4	1	— 19.51
5417	46 Virginis	6.5	52 23.53	64.8	2	3.086	— 2 36 52.7	67.9	2	19.51
5418	37 Comæ	5.0*	53 34.24	59.8	2	2.882	+ 31 32 25.8	53.3	4	19.51
5419	Weisse (2) XII, 1066 .	7.0	53 44.24	62.9	2	2.874	+ 32 32 7.5	67.4	2	19.51
5420	Groombridge 1947. .	8.0*	53 45.94	71.2	3	2.239	+ 69 31 54.4	71.4	2	19.51
5421	Lacaille 5363 . . .	7.0	12 53 59.62	68.3	2	+ 3.324	— 38 51 45.5	67.8	2	— 19.50
5422	Weisse XII, 918 . .	8.3	54 4.66	63.0	4	3.129	— 10 24 3.3	56.4	2	19.50
5423	Lacaille 5364 . . .	8.5	54 4.92	62.4	2	3.211	— 23 54 38.3	64.9	2	19.50
5424	O. Arg. S. 12588 . .	7.5	54 10.50	64.6	4	3.253	— 30 4 38.3	67.9	2	19.50
5425	B. A. C. 4363 . . .	7.0*	54 22.76	62.4	3	3.060	+ 2 16 31.5	65.3	2	19.49
5426	Weisse XII, 929 . .	8.2	12 54 25.65	60.6	3	+ 2.994	+ 13 55 22.5	55.9	6	— 19.49
5427	9 Draconis	5.2	54 36.93	62.0	3	2.316	+ 67 21 10.4	67.4	3	19.49
5428	78 Ursæ Majoris . . .	5.0*	54 42.80	63.4	3	2.583	+ 57 7 16.7	58.3	4	19.49
5429	Weisse XII, 933 . .	9.0	54 43.22	61.3	2	2.994	+ 13 55 43.1	55.9	2	19.49
5430	Lacaille 5367 . . .	6.9	54 47.81	62.4	2	3.237	— 27 31 56.2	65.3	2	29.48

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			h. m. s.			"	° ′ ″			"
5431	Lacaille 5368 . . .	6.5	12 54 49.38	62.8	2	+ 3.244	— 28 30 40.6	69.3	2	— 19.48
5432	ε Virginis	5.0	55 12.45	60.9	4	3.006	+ 11 42 44.5	56.8	5	19.48
5433	Lacaille 5371 . . .	7.8	55 19.68	66.9	3	3.284	— 33 32 17.3	69.4	2	19.47
5434	Lacaille 5374 . . .	7.7	55 46.36	63.4	2	3.250	— 28 54 38.3	70.7	3	19.46
5435	Lalande 24271 . . .	7.5	55 48.80	68.3	2	2.819	+ 38 6 4.8	47.4	1	19.46
5436	B. A. C. 4369 . . .	7.0	12 56 3.24	66.9	3	+ 3.286	— 33 29 49.0	69.4	2	— 19.46
5437	O. Arg. S. 12615 . .	7.8	56 19.13	64.3	2	3.224	— 25 2 57.3	65.4	2	19.45
5438	Lacaille 5379 . . .	7.6	56 24.20	62.4	2	3.215	— 23 45 55.6	70.4	3	19.45
5439	Anonymous . . .	8.4	56 37.08	64.9	5	3.171	— 16 51 58.5	70.4	1	19.45
5440	48 Virginis	6.0*	56 41.72	69.1	4	3.089	— 2 54 32.7	54.4	2	19.44
5441	Anonymous . . .	9.5	12 56 45.81	64.9	2	+ 3.319	— 37 2 24.6	69.9	2	— 19.44
5442	Lacaille 5382 . . .	6.0	56 47.65	66.3	2	3.244	— 27 39 5.9	64.7	3	19.44
5443	O. Arg. S. 12620 . .	8.5	56 47.83	64.9	2	3.232	— 25 55 54.9	69.4	2	19.44
5444	Anonymous . . .	9.3	56 48.24	67.3	2	3.159	— 14 54	. .	.	19.44
5445	O. Arg. S. 12626 . .	9.1	57 35.18	67.3	2	3.160	— 14 44	. .	.	19.43
5446	Lacaille 5387 . . .	7.5	12 57 35.39	66.4	2	+ 3.248	— 27 45 53.4	67.3	2	— 19.43
5447	O. Arg. S. 12629 . .	8.4	57 36.84	64.8	4	3.173	— 16 55 21.6	65.9	2	19.43
5448	O. Arg. S. 12630 . .	9.4	57 53.37	65.4	2	3.160	— 14 50	. .	.	19.42
5449	Anonymous . . .	7.3	58 2.29	64.3	3	3.301	— 34 21 38.5	71.0	3	19.42
5450	B. A. C. 4378 . . .	5.2	58 40.09	63.3	2	3.364	— 40 50 14.0	67.9	2	19.40
5451	Radcliffe 2959 . . .	8.4*	12 58 50.76	61.8	2	+ 0.002	+ 83 41 17.8	60.0	5	— 19.40
5452	B. A. C. 4382 . . .	6.5*	59 4.04	60.3	3	3.158	— 14 9 58.3	54.4	3	19.39
5453	B. A. C. 4383 . . .	5.5	59 7.33	68.3	2	3.312	— 35 6 31.3	66.8	2	19.39
5454	14 Canum Venaticorum .	5.0*	59 11.34	68.3	2	2.819	+ 36 32 57.0	46.6	3	19.39
5455	Lacaille 5405 . . .	7.5	59 58.77	63.7	7	3.269	— 29 41 6.2	64.8	2	19.37
5456	41 Comæ	5.5	13 0 27.46	46.8	4	+ 2.884	+ 28 22 35.1	68.4	2	— 19.36
5457	Weisse XII, 1036 . .	9.0	0 30.32	66.6	3	2.991	+ 13 4 31.1	67.4	2	19.36
5458	O. Arg. S. 12662 . .	7.7	0 33.55	68.9	2	3.253	— 27 27 19.8	65.3	2	19.36
5459	g Virginis	5.5	0 33.94	60.6	2	3.134	— 9 59 26.2	67.4	2	19.36
5460	Lacaille 5407 . . .	6.0	0 35.18	68.8	2	3.321	— 35 28 33.3	65.3	2	19.36
5461	Weisse XII, 1038 . .	9.0	13 0 35.91	64.0	3	+ 2.991	+ 13 1 24.8	56.3	1	— 19.36
5462	Anonymous . . .	9.0	0 42.13	68.9	2	2.992	+ 12 50 1.7	57.3	2	19.36
5463	Weisse XII, 1047 . .	8.8	1 6.25	69.3	2	2.991	+ 12 56 36.8	55.4	2	19.35
5464	O. Arg. S. 12671 . .	7.6	1 8.05	65.4	3	3.222	— 23 4 23.5	69.4	2	19.35
5465	Weisse XII, 1054 . .	8.8	1 18.48	68.9	2	2.992	+ 12 49 0.3	57.3	2	19.34
5466	ψ Hydræ	4.5*	13 1 31.07	57.4	2	+ 3.218	— 22 22 8.0	68.4	2	— 19.34
5467	Weisse XIII, 1063 . .	7.0*	1 45.28	71.4	2	3.035	+ 5 58 47.4	71.3	2	19.33
5468	50 Virginis	6.0*	2 25.85	64.3	2	3.133	— 9 34 51.0	69.6	4	19.32
5469	Weisse XIII, 16 . .	9.0	2 42.11	66.2	5	3.102	— 4 47	. .	.	19.31
5470	θ Virginis	4.5*	2 42.24	63.7	110	3.102	— 4 47 26.9	60.9	12	19.31

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			h. m. s.			"	° ′ ″			"
5471	O. Arg. S. 12687 . .	8.0	13 2 46.	. .	.	+ 3.226	− 23 6 51.8	67.4	1	− 19.31
5472	Anonymous . . .	9.0	3 6.74	67.0	3	2.988	+ 13 4 3.2	54.5	5	19.30
5473	B. A. C. 4407 . . .	5.5	3 10.96	68.3	2	2.786	+ 38 10 12.7	47.0	3	19.30
5474	B. A. C. 4405 . . .	5.3	3 11.18	66.3	2	3.394	− 41 29 10.4	68.4	2	19.30
5475	Lacaille 5426 . . .	5.5	3 42.63	65.3	2	3.323	− 34 23 14.0	70.3	2	19.29
5476	Anonymous . . .	8.0	13 3 52.18	69.3	2	+ 3.346	− 36 39 6.0	68.3	3	− 19.28
5477	Anonymous . . .	8.0	3 57.11	68.8	2	3.145	− 11 10 50.1	63.4	2	19.28
5478	Lacaille 5428 . . .	6.3	4 2.85	66.3	2	3.250	− 25 48 22.1	67.4	2	19.28
5479	Weisse XIII, 44 . .	8.8	4 18.36	69.0	3	2.987	+ 12 57 32.8	56.4	2	19.27
5480	53 Virginis	5.0	4 36.79	64.0	5	3.175	− 15 26 34.5	67.9	2	19.26
5481	Anonymous . . .	9.0	13 4 39.34	61.4	1	+ 2.986	+ 13 5 10.0	68.1	3	− 19.26
5482	Lacaille 5440 . . .	7.7	5 18.14	62.4	2	3.275	− 28 21 20.3	69.3	2	19.25
5483	β Comæ	4.5*	5 20.18	60.4	2	2.867	+ 28 35 19.7	61.5	7	19.25
5484	B. A. C. 4423 . . .	6.0	5 34.86	65.4	2	2.990	+ 12 18 7.0	58.0	6	19.24
5485	Anonymous . . .	8.0	5 52.97	67.3	2	3.339	− 35 12 6.5	69.4	2	19.23
5486	Weisse XIII, 81 . .	7.8	13 6 8.14	67.3	2	+ 3.090	− 2 45 1.6	65.3	2	− 19.23
5487	Weisse XIII, 87 . .	8.5	6 30.88	65.9	2	3.145	− 10 48 36.0	63.3	3	19.22
5488	B. A. C. 4431 . . .	6.5	6 49.65	45.4	1	3.057	+ 2 12 3.9	68.9	2	19.21
5489	Lacaille 5454 . . .	6.7	6 52.89	65.9	2	3.240	− 23 32 30.9	65.9	2	19.21
5490	Lalande 24579 . . .	6.0	7 8.63	68.4	2	2.774	+ 37 37 51.7	47.4	2	19.20
5491	Lacaille 5457 . . .	6.5	13 7 17.99	68.8	2	+ 3.349	− 35 37 43.1	68.7	3	− 19.20
5492	O. Arg. S. 12733 . .	8.0	7 21.50	67.4	2	3.291	− 29 26 18.1	70.0	3	19.20
5493	B. A. C. 4433 . . .	5.0*	7 21.66	65.4	2	2.736	+ 40 53 42.8	57.4	4	19.20
5494	Weisse XIII, 104 . .	6.5	7 32.14	61.4	2	2.989	+ 12 4 34.6	60.7	3	19.19
5495	Σ Cat. Gen. 1510, (1st *) .	7.5	7 36.26	63.4	2	3.145	− 10 36 54.8	69.0	38	19.19
5496	Σ Cat. Gen. 1510, (2d *) .	8.3	13 7 39.56	63.4	2	+ 3.145	− 10 36 19.9	69.0	3	− 19.19
5497	Lalande 24598 . . .	9.2	8 20.03	65.4	2	3.106	− 4 53 29.5	67.4	2	19.17
5498	57 Virginis	4.5	8 24.99	57.4	2	3.209	− 19 11 51.5	68.4	2	19.17
5499	Lalande 24615 . . .	6.8	8 40.54	69.3	2	2.783	+ 36 11 14.6	47.4	1	19.16
5500	Lalande 24610 . . .	7.9	8 48.21	65.4	3	3.106	− 4 55 33.5	66.7	3	19.16
5501	B. A. C. 4437 . . .	5.0	13 9 7.	. .	.	+ 3.309	− 30 45 50.2	71.3	2	− 19.15
5502	Lacaille 5467 . . .	7.4	9 8.82	62.4	2	3.300	− 29 51 5.3	66.9	2	19.15
5503	Lalande 24624 . . .	7.4	9 24.75	65.4	2	3.106	− 4 49 51.1	67.9	2	19.14
5504	Weisse XIII, 145 . .	8.2	9 46.28	69.3	2	3.052	− 2 55 38.6	65.0	3	19.13
5505	e Virginis	6.0	9 50.05	45.4	1	3.000	+ 10 9 25.3	68.5	2	19.13
5506	58 Virginis	6.5	13 10 7.26	61.1	6	+ 3.142	− 9 48 27.1	68.4	2	− 19.12
5507	Lacaille 5478 . . .	7.5	10 42.04	67.3	2	3.284	− 27 35 27.3	69.3	2	19.11
5508	Anonymous . . .	8.0	10 46.94	68.9	2	2.806	+ 33 13 51.3	47.4	1	19.11
5509	Weisse XIII, 169 . .	8.0	11 2.06	69.3	2	3.108	− 5 3 0.0	68.3	2	19.10
5510	61 Virginis	4.5	11 5.05	62.3	2	3.201	− 17 32 1.0	67.4	2	19.10

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			h. m. s.			″	° ′ ″			″
5511	γ Hydræ	4.5	13 11 18.97	45.4	4	+ 3.241	− 22 25 54.4	68.4	2	− 19.09
5512	Weisse XIII, 181 . .	9.0	11 42.78	65.4	2	3.085	− 1 47 33.3	58.6	5	19.08
5513	B. A. C. 4455 . . .	7.0	12 22.03	65.9	2	3.152	− 10 56 5.8	68.4	2	19.06
5514	O. Arg. S. 12800 . .	8.5	12 41.	. .	.	3.256	− 23 46 17.1	68.7	2	19.06
5515	O. Arg. S. 12802 . .	7.5	12 48.58	66.8	2	3.282	− 26 40 21.8	70.8	2	19.05
5516	62 Virginis	6.7	13 12 59.01	70.4	2	+ 3.150	− 10 34 4.1	69.4	2	− 19.05
5517	Weisse (2) XIII, 241 .	9.5	13 3.03	71.4	1	2.769	+ 35 52 30.1	71.4	3	19.04
5518	Weisse XIII, 208 . .	9.0	13 6.81	60.4	2	2.992	+ 10 44 14.4	58.0	6	19.04
5519	O. Arg. S. 12808 . .	7.5	13 9.08	65.4	3	3.250	− 23 1 36.1	67.9	2	19.04
5520	Lacaille 5499 . . .	6.8	13 27.12	62.4	2	3.257	− 23 44 5.8	68.9	2	19.03
5521	O. Arg. S. 12811 . .	6.0	13 13 27.72	68.9	2	+ 3.239	− 21 38 48.6	67.8	2	− 19.03
5522	B. A. C. 4462 . . .	7.0	13 29.48	61.4	2	3.031	+ 5 33 47.2	67.4	2	19.03
5523	Anonymous . . .	8.3	13 36.33	68.8	2	2.975	+ 12 59 3.3	56.4	1	19.03
5524	Weisse XIII, 218 . .	9.5	13 50.75	65.9	2	3.064	+ 1 5	. .	.	19.02
5525	Lacaille 5503 . . .	7.2	13 55.33	68.8	2	3.373	− 35 22 35.7	65.4	4	19.02
5526	Lacaille 5502 . . .	7.0	13 13 57.98	64.4	4	+ 3.405	− 38 7 2.9	70.9	2	− 19.02
5527	Weisse XIII, 223 . .	7.2	14 13.08	65.4	2	3.155	− 11 0 41.6	67.9	2	19.01
5528	Weisse XIII, 225 . .	9.0	14 15.90	62.9	2	3.097	− 3 21 58.1	66.4	1	19.01
5529	Weisse (2) XIII, 265 .	7.7	14 20.37	71.5	1	2.663	+ 43 50 59.8	71.4	2	19.01
5530	B. A. C. 4468 . . .	6.0*	14 28.28	60.3	2	2.958	+ 14 53 5.0	54.4	3	19.01
5531	Lacaille 5510 . . .	7.1	13 14 48.58	63.8	4	+ 3.273	− 25 6 25.0	66.8	2	− 19.00
5532	Weisse (2) XIII, 274 .	7.0	14 49.55	68.3	2	2.730	+ 38 35 31.0	46.7	5	19.00
5533	Weisse XIII, 235 . .	8.0	14 56.59	63.4	3	3.102	− 3 55 41.4	66.4	1	18.99
5534	Lacaille 5514 . . .	7.0	15 17.62	65.2	6	3.346	− 32 27 23.1	67.9	2	18.98
5535	65 Virginis	6.0	16 3.76	65.4	2	3.104	− 4 11 27.3	66.8	2	18.96
5536	Lalande 24816 . . .	7.2	13 16 35.42	64.3	2	+ 3.271	− 24 23 52.3	64.4	2	− 18.95
5537	Lalande 24841 . . .	7.0	16 57.59	48.3	1	2.700	+ 40 9 39.2	68.4	2	18.94
5538	Weisse XIII, 268 . .	8.2	17 11.17	62.9	2	3.069	+ 0 24 59.1	59.4	5	18.93
5539	B. A. C. 4479 . . .	6.5	17 32.89	64.8	2	2.728	+ 37 45 56.3	57.4	4	18.92
5540	α Virginis	1.3	17 49.32	56.5	317	3.154	− 10 25 45.8	53.7	60	18.91
5541	ζ Ursæ Majoris . . .	4.0	13 18 17.18	68.3	2	+ 2.417	+ 55 39 26.5	67.1	3	− 18.90
5542	B. A. C. 4486 . . .	6.5	18 18.10	68.3	2	2.417	+ 55 39 14.0	68.4	2	18.90
5543	Weisse XIII, 294 . .	7.3	18 54.68	61.9	4	3.095	− 2 55 53.2	58.6	4	18.88
5544	Anonymous . . .	8.5	19 4.54	64.6	4	3.387	− 34 53 23.9	68.9	3	18.87
5545	ι Virginis	5.8	19 19.65	71.4	2	3.168	− 11 58 39.9	68.3	2	18.87
5546	Weisse XIII, 303 . .	9.6	13 19 26.33	65.3	2	+ 3.053	+ 2 27 50.2	67.4	2	− 18.86
5547	Weisse XIII, 304 . .	8.2	19 29.11	64.7	3	3.116	− 5 34 21.5	68.9	2	18.86
5548	g Ursæ Majoris . . .	5.2	19 37.00	68.3	2	2.404	+ 55 43 5.4	64.9	2	18.86
5549	Weisse XIII, 312 . .	8.6	19 52.26	63.8	2	3.056	+ 1 57 37.8	68.9	2	18.85
5550	Anonymous . . .	7.8	19 59.00	67.6	3	3.391	− 34 56 29.9	65.4	2	18.85

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			h. m. s.			"	° ′ ″			"
5551	69 Virginis	5.5	13 19 59.40	64.3	2	+ 3.197	− 15 14 47.4	69.4	2	− 18.85
5552	Lacaille 5553 . . .	6.0	20 18.86	65.8	2	3.293	− 25 40 28.4	67.9	2	18.84
5553	Weisse XIII, 318 . .	9.0	20 19.28	67.7	3	+ 3.069	+ 0 21 5.1	63.9	2	18.84
5554	B. A. C. 4498 . . .	6.0*	20 24.45	62.0	3	− 2.749	+ 85 29 11.8	66.9	2	18.83
5555	Anonymous. . . .	8.9	20 41.15	65.1	3	+ 3.369	− 32 42 37.7	69.4	1	18.82
5556	Lacaille 5559 . . .	7.3	13 20 48.14	62.4	2	+ 3.304	− 26 40 22.0	69.4	2	− 18.82
5557	Weisse XIII, 324 . .	9.0	20 52.90	67.1	3	3.069	+ 0 24 39.0	62.4	2	18.82
5558	B. A. C. 4496 . . .	6.8	21 5.91	63.4	3	3.073	− 0 5 52.8	69.3	3	18.81
5559	Weisse XIII, 331 . .	7.5	21 9.71	65.9	2	2.998	+ 9 5 4.1	56.4	4	18.81
5560	Anonymous . . .	7.0	21 24.99	64.2	2	3.396	− 34 50 32.9	66.3	2	18.80
5561	Weisse XIII, 334 . .	8.6	13 21 26.73	68.4	2	+ 3.011	+ 7 25 46.7	56.3	3	− 18.80
5562	Lacaille 5563 . . .	7.6	21 45.99	62.4	2	3.306	− 26 39 46.1	69.4	2	18.79
5563	Weisse (2) XIII, 419 .	8.7	21 52.49	62.0	3	2.824	+ 27 56 25.2	68.9	2	18.79
5564	71 Virginis	6.0	22 16.88	64.3	3	2.976	+ 11 32 43.8	66.8	2	18.78
5565	Weisse XIII, 354 . .	9.0	22 25.63	65.3	5	3.052	+ 2 26 5.3	66.3	2	18.77
5566	Weisse (2) XIII, 437 .	8.2	13 22 46.48	68.8	2	+ 2.716	+ 37 2 11.5	46.3	1	− 18.76
5567	O. Arg. S. 12908 . .	7.5	22 49.60	66.8	2	3.272	− 22 55 25.3	69.4	2	18.76
5568	O. Arg. N. 13647 . .	9.0	22 50.71	69.4	1	2.184	+ 61 57 2.1	62.3	1	18.76
5569	B. A. C. 4507 . . .	5.0	22 56.26	65.4	3	3.451	− 38 41 0.8	70.4	2	18.76
5570	Weisse XIII, 365 . .	6.5	22 58.91	63.2	5	3.006	+ 7 54 11.6	58.6	5	18.76
5571	Weisse XIII, 370 . .	8.0	13 23 21.86	59.3	1	+ 3.004	+ 8 8 21.9	56.9	2	− 18.74
5572	Lalande 24977 . . .	7.5	23 24.09	68.9	2	3.293	− 24 55 57.1	66.4	2	18.74
5573	Lamont 4065 . . .	8.4	23 30.81	68.4	2	3.085	− 1 33 3.3	68.4	4	18.74
5574	Anonymous . . .	9.4	23 43.92	66.4	4	3.400	− 34 28	. .	.	18.73
5575	Anonymous . . .	9.2	23 44.37	68.4	2	2.998	+ 8 48 11.2	57.4	2	18.73
5576	Anonymous . . .	8.7	13 23 46.39	64.4	1	+ 3.400	− 34 29	. .	.	− 18.73
5577	Lacaille 5573 . . .	6.2	23 46.91	64.4	4	3.320	− 27 23 22.9	68.4	1	18.73
5578	O. Arg. S. 12920 . .	7.3	23 55.94	64.3	3	3.352	− 30 19 55.7	67.9	2	18.73
5579	Lamont 4068 . . .	7.5	23 58.03	66.0	3	3.085	− 1 32 20.6	69.4	4	18.72
5580	Weisse XIII, 392 . .	9.0	24 24.26	63.3	3	2.998	+ 8 46 42.1	57.4	1	18.71
5581	Lamont 4071 . . .	7.0	13 24 34.60	68.4	1	+ 3.086	− 1 36 17.1	67.4	3	− 18.71
5582	l^2 Virginis	5.0	24 41.35	66.6	3	3.119	− 5 31 54.7	61.0	3	18.70
5583	Lacaille 5580 . . .	6.0	24 48.64	63.4	2	3.329	− 27 58 13.4	69.8	2	18.70
5584	Lacaille 5582 . . .	7.6	25 9.21	62.9	2	3.307	− 25 51 56.5	68.3	2	18.69
5585	B. A. C. 4519 . . .	6.0*	25 11.06	60.9	2	2.622	+ 42 49 37.7	53.7	6	18.69
5586	Weisse XIII, 413 . .	7.6	13 25 18.04	63.7	3	+ 3.012	+ 7 4 19.4	55.4	2	− 18.68
5587	75 Virginis	5.0	25 23.14	64.8	2	3.199	− 14 38 30.1	65.4	2	18.68
5588	h Virginis	5.4	25 35.88	59.0	7	3.153	− 9 26 31.7	64.4	2	18.67
5589	Anonymous . . .	8.0	25 44.68	65.4	2	3.086	− 1 36	. .	.	18.67
5590	B. A. C. 4527 . . .	5.4	25 47.77	66.4	2	0.468	+ 79 22 3.2	67.9	2	18.67

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			h. m. s.			"	° ′ ″			"
5591	Weisse XIII, 426 . .	6.0	13 26 5.76	69.3	2	+ 3.131	− 6 54 7.7	66.9	2	− 18.66
5592	Anonymous . . .	8.0	26 59.63	67.3	2	3.443	− 36 50 11.5	68.8	2	18.63
5593	O. Arg. S. 12959 . .	8.9	27 2.07	71.4	2	3.320	− 26 34 17.2	69.1	4	18.63
5594	Anonymous . . .	9.2	27 12.47	69.4	1	3.419	− 34 55 49.1	65.4	3	18.62
5595	ζ Virginis	3.4*	27 33.64	63.8	89	3.071	+ 0 7 16.0	63.8	11	18.61
5596	Weisse XIII, 458 . .	8.5	13 27 41.34	65.3	2	+ 3.023	+ 5 37 52.4	60.8	4	− 18.61
5597	Anonymous . . .	7.6	27 50.37	65.2	5	3.380	− 31 39 18.7	68.8	2	18.60
5598	Weisse XIII, 461 . .	8.5	27 55.38	65.4	2	3.009	+ 7 10 16.7	58.9	6	18.60
5599	Weisse XIII, 472 . .	8.4	28 13.54	64.3	3	3.008	+ 7 13 39.1	60.7	7	18.59
5600	B. A. C. 4536 . . .	5.5*	28 32.41	50.9	5	+ 2.680	+ 37 54 2.7	56.1	8	18.58
5601	(* 48) Washington . .	8.5	13 28 40.37	62.4	2	− 0.048	+ 80 48 55.0	58.7	3	− 18.57
5602	Anonymous . . .	9.0	28 47.09	65.9	2	+ 3.008	+ 7 16 39.1	66.4	1	18.57
5603	Anonymous . . .	9.0	28 50.29	71.4	2	3.384	− 31 41 11.0	68.9	2	18.57
5604	B. A. C. 4541, (1st *) .	7.3	29 2.65	62.4	2	3.317	− 25 46 45.7	64.7	3	18.56
5605	B. A. C. 4541, (2d *) .	6.5	29 2.82	62.4	2	3.317	− 25 46 56.3	65.4	2	18.56
5606	Anonymous . . .	7.8	13 29 27.27	68.4	2	+ 3.440	− 35 51 23.4	67.3	2	− 18.55
5607	Anonymous . . .	7.8	29 28.90	65.4	4	3.287	− 22 53 51.8	67.4	2	18.55
5608	Lacaille 5613 . . .	7.2	29 33.16	63.3	2	3.420	− 34 19 57.0	66.9	2	18.54
5609	Lacaille 5615 . . .	7.2	29 46.93	63.3	2	3.421	− 34 20 53.4	66.9	2	18.54
5610	Weisse XIII, 501 . .	8.5	30 6.72	65.3	2	3.109	− 4 5 15.9	57.7	3	18.53
5611	O. Arg. S. 13003 . .	7.5*	13 30 30.58	65.4	2	+ 3.359	− 29 7 29.0	67.9	2	− 18.51
5612	B. A. C. 4547 . . .	7.0	30 32.89	62.2	6	3.095	− 2 31 13.5	58.4	6	18.51
5613	O. Arg. S. 13005 . .	8.0	30 32.96	67.3	2	3.290	− 22 58 39.2	67.4	2	18.51
5614	B. A. C. 4548 . . .	6.0	30 50.49	66.4	2	3.356	− 28 50 40.6	68.4	2	18.50
5615	Lacaille 5621 . . .	6.0	30 51.90	65.8	2	3.400	− 32 23 47.5	70.4	2	18.50
5616	Anonymous . . .	8.5	13 30 55.21	65.3	1	+ 3.471	− 37 41	. .	.	− 18.50
5617	Anonymous . . .	7.4	30 56.24	64.3	2	3.330	− 26 32 47.6	66.4	2	18.50
5618	25 Canum Venaticorum .	6.0	31 14.21	68.4	2	2.681	+ 37 0 27.0	47.3	2	18.49
5619	Lacaille 5626 . . .	7.4	31 17.34	62.4	2	3.304	− 24 8 54.3	67.4	2	18.49
5620	B. A. C. 4553 . . .	7.5*	31 23.72	60.4	2	2.849	+ 23 14 40.6	54.4	4	18.48
5621	Anonymous . . .	8.5	13 31 29.95	65.4	2	+ 3.374	− 30 10 21.1	70.4	3	− 18.48
5622	Lacaille 5625 . . .	8.0	31 35.71	68.9	2	3.498	− 39 20 15.1	67.4	2	18.47
5623	Anonymous . . .	8.6	32 3.85	63.9	5	0.806	+ 77 0 42.2	68.3	2	18.46
5624	Anonymous . . .	8.0	32 4.34	64.8	2	3.332	− 26 26 19.6	69.9	2	18.46
5625	Lacaille 5635 . . .	6.5	32 19.83	66.3	2	3.338	− 26 51 54.4	71.1	4	18.45
5626	Lacaille 5636 . . .	7.0	13 32 28.90	63.3	2	+ 3.422	− 33 38 48.7	69.9	2	− 18.45
5627	O. Arg. N. 13847 . .	7.4	32 53.15	63.8	4	0.740	+ 77 15 42.3	66.3	2	18.43
5628	Lacaille 5639 . . .	7.3	32 59.63	63.4	3	3.425	− 33 44 51.2	67.9	2	18.43
5629	Weisse XIII, 563 . .	8.5	33 8.55	59.3	3	3.114	− 4 32 7.5	55.4	2	18.42
5630	Anonymous . . .	8.0	33 32.46	70.9	5	3.186	− 12 9 27.4	67.4	1	18.41

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			h. m. s.			"	° ′ ″			"
5631	B. A. C. 4560 . .	7.0	13 33 32.52	61.3	3	+ 3.186	− 12 4 18.5	64.9	2	− 18.41
5632	Weisse XIII, 569 . .	8.0	33 35.	. .	.	3.146	− 7 57 26.4	67.4	1	18.41
5633	Lacaille 5646 . . .	6.7	33 39.06	62.4	2	3.329	− 25 49 16.2	71.3	2	18.40
5634	Lacaille 5645 . . .	6.0	33 44.86	62.8	2	3.416	− 32 53 17.8	70.4	2	18.40
5635	*m* Virginis	5.4	34 16.08	55.8	20	3.147	− 7 59 42.3	61.9	4	18.38
5636	Lacaille 5649, (1st *) .	7.0*	13 34 18.91	64.6	5	+ 3.423	− 33 16 17.6	71.9	2	− 18.38
5637	Lacaille 5649, (2d *) .	. .	34 18.93	64.6	5	3.423	− 33 16 20.9	71.4	1	18.38
5638	2 Bootis	6.0*	34 24.92	60.4	3	2.842	+ 23 12 23.6	54.4	5	18.38
5639	Weisse XIII, 583 . .	7.7	34 27.84	68.4	3	3.136	− 6 50 45.5	66.9	2	18.38
5640	Anonymous . . .	9.0	34 49.27	64.6	3	3.486	− 37 37 35.0	70.9	2	18.36
5641	Lacaille 5655 . . .	5.8	13 35 6.17	69.3	2	+ 3.377	− 29 28 28.5	67.8	2	− 18.35
5642	*o* Virginis	6.0*	36 1.55	62.9	2	3.032	+ 4 14 52.0	65.3	2	18.32
5643	O. Arg. S. 13085 . .	8.2	36 3.70	65.1	4	3.361	− 27 57 31.2	67.4	2	18.32
5644	Anonymous . . .	8.4	36 6.93	68.9	2	3.466	− 35 51 10.3	67.3	2	18.32
5645	Weisse (2) XIII, 749 .	5.8	36 28.86	68.8	2	+ 2.679	+ 35 41 44.9	47.4	2	18.30
5646	Radcliffe 3077 . . .	7.2*	13 36 40.70	60.2	2	− 0.053	+ 80 3 50.3	63.4	6	− 18.30
5647	Weisse XIII, 630 . .	8.5	36 50.75	69.3	1	+ 3.191	− 12 14 24.6	69.9	2	18.29
5648	Anonymous . . .	9.0	36 51.51	60.3	2	2.842	+ 22 43 26.1	68.4	2	18.29
5649	83 Virginis	5.5	36 56.91	65.3	2	3.224	− 15 28 24.3	69.4	2	18.29
5650	Lacaille 5663 . . .	6.3	36 58.55	63.4	4	3.326	− 24 47 40.3	65.4	2	18.29
5651	Weisse (2) XIII, 777 .	8.0*	13 37 21.19	49.3	1	+ 2.843	+ 22 31 26.7	68.4	2	− 18.27
5652	Lacaille 5665 . . .	6.4	37 21.87	63.0	3	3.461	− 35 13 9.8	66.3	2	18.27
5653	B. A. C. 4578 . . .	7.0*	37 36.93	45.4	1	3.139	− 6 55 46.5	66.9	2	18.26
5654	Weisse (2) XIII, 784 .	8.8	37 38.53	62.4	5	2.803	+ 25 59 22.9	66.9	2	18.26
5655	Weisse (2) XIII, 782 .	8.5*	37 41.71	49.3	1	2.842	+ 22 34 29.8	68.4	2	18.26
5656	*i* Centauri	5.2	13 37 44.32	63.7	3	+ 3.422	− 32 20 5.0	68.4	1	− 18.26
5657	B. A. C. 4581 . . .	5.9	37 48.52	63.4	2	3.336	− 25 24 41.6	68.9	2	18.26
5658	85 Virginis	6.0	38 3.03	61.1	5	3.221	− 15 3 43.7	69.8	2	18.25
5659	Anonymous . . .	8.3	38 5.13	64.9	2	3.453	− 34 28 8.5	69.4	2	18.25
5660	Weisse XIII, 651 . .	7.5	38 9.98	65.9	2	3.187	− 11 40 51.9	67.4	2	18.24
5661	Anonymous . . .	8.0	13 38 22.16	68.4	2	+ 2.648	+ 37 17 58.5	46.4	1	− 18.24
5662	Weisse XIII, 654 . .	8.2	38 22.30	59.3	2	3.193	− 12 15 39.7	69.9	2	18.24
5663	86 Virginis	5.9	38 28.96	58.5	16	3.188	− 11 43 24.5	63.4	1	18.23
5664	Anonymous . . .	9.0	38 39.84	71.4	1	2.916	+ 15 38 48.7	71.4	2	18.22
5665	Weisse (2) XIII, 814 .	9.0	38 45.54	49.3	1	2.841	+ 22 29 21.9	49.3	1	18.22
5666	B. A. C. 4586 . . .	5.8	13 38 47.38	68.4	2	+ 3.471	− 35 32 57.7	64.3	1	− 18.22
5667	Weisse XIII, 674 . .	9.0	39 54.25	61.3	2	3.194	− 12 12 2.1	67.4	2	18.18
5668	Weisse XIII, 676 . .	8.2	39 59.55	68.4	2	3.149	− 7 47 58.7	65.4	1	18.18
5669	Anonymous . . .	7.9	40 0.91	66.4	2	3.507	− 37 33 39.6	71.4	2	18.18
5670	B. A. C. 4593 . . .	7.0*	40 7.	. .	.	3.132	− 6 0 12.5	71.4	1	18.17

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			h. m. s.			″	° ′ ″			″
5671	3 Bootis	5.0	13 40 13.20	61.3	3	+ 2.791	+ 26 24 21.0	55.0	6	— 18.17
5672	B. A. C. 4595 . . .	6.0	40 15.19	47.5	2	2.610	+ 39 12 21.8	70.0	2	18.17
5673	O. Arg. S. 13149 . .	8.0	40 25.41	65.9	4	3.400	— 30 2 56.1	69.7	3	18.16
5674	Lacaille 5680 . . .	6.6	40 29.52	63.3	3	3.491	— 36 25 37.9	69.8	2	18.16
5675	τ Bootis	5.0*	40 36.53	61.5	2	2.886	+ 18 9 23.3	67.4	2	18.15
5676	Weisse XIII, 694 . .	7.5	13 40 41.72	67.3	2	+ 3.145	— 7 19 14.8	70.9	2	— 18.15
5677	Lacaille 5682 . . .	5.8	40 51.74	69.3	3	3.471	— 34 59 52.9	68.4	2	18.14
5678	Weisse (2) XIII, 854 .	8.5*	40 57.50	63.8	2	2.688	+ 34 0 31.8	58.3	1	18.14
5679	n Virginis.	7.0	40 58.23	45.4	1	3.133	— 6 8 13.6	70.5	1	18.14
5680	O. Arg. S. 13156 . .	6.7	41 1.56	64.4	4	3.402	— 30 0 41.5	65.9	2	18.14
5681	Lacaille 5686 . . .	7.7	13 41 8.14	62.4	2	+ 3.371	— 27 39 58.7	67.3	2	— 18.13
5682	O. Arg. S. 13159 . .	7.5*	41 16.	. .	.	3.281	— 20 2 56.9	62.4	2	18.13
5683	O. Arg. S. 13158 . .	7.7	41 16.56	65.3	2	3.303	— 22 1 29.8	69.4	2	18.13
5684	g Centauri	5.2	41 20.64	63.7	3	3.454	— 33 45 0.6	67.4	2	18.13
5685	84 Ursæ Majoris . . .	6.0*	41 21.85	60.4	2	2.251	+ 55 7 59.4	53.3	3	18.13
5686	Weisse (2) XIII, 866 .	7.0	13 41 26.10	66.4	3	+ 2.615	+ 38 35 37.3	48.4	1	— 18.12
5687	Weisse XIII, 708 . .	8.2	41 28.02	65.3	2	3.147	— 7 29 24.3	70.9	2	18.12
5688	Anonymous . . .	8.4	41 30.95	68.9	2	3.487	— 35 54 29.3	67.9	2	18.12
5689	O. Arg. S. 13167 . .	7.4	41 59.78	64.4	2	3.372	— 27 29 16.6	69.1	3	18.10
5690	(* 50), Washington. .	9.4	42 0.06	61.4	2	0.276	+ 78 21 56.6	59.4	2	18.10
5691	Anonymous . . .	. .	13 42 0.62	49.3	2	+ 2.831	+ 22 42 56.1	61.1	3	— 18.10
5692	η Ursæ Majoris . . .	2.0*	42 1.38	48.3	150	2.386	+ 50 0 47.4	50.9	66	18.10
5693	O. Arg. S. 13169 . .	8.7	42 6.20	64.4	2	3.372	— 27 29 11.4	71.4	1	18.10
5694	B. A. C. 4614 . . .	6.0	42 6.55	65.9	2	0.171	+ 78 45 56.5	69.0	2	18.10
5695	89 Virginis.	5.5*	42 16.22	61.7	18	3.253	— 17 26 7.3	58.4	2	18.09
5696	Weisse (2) XIII, 891 .	5.9	13 42 19.56	63.0	3	+ 2.713	+ 31 53 13.1	69.4	2	— 18.09
5697	Lacaille 5699 . . .	6.5	42 21.56	65.8	2	3.410	— 30 22 9.6	67.4	1	18.09
5698	Weisse (2) XIII, 894 .	9.0	42 28.31	69.0	3	2.827	+ 22 58 56.6	49.3	1	18.08
5699	B. A. C. 4613 . . .	6.8	42 33.15	68.9	2	3.285	— 20 10	. .	.	18.08
5700	Anonymous . . .	7.2	42 34.28	65.4	4	3.515	— 37 26 23.1	72.4	1	18.08
5701	Weisse (2) XIII, 900 .	7.5	13 42 34.38	59.4	2	+ 2.570	+ 40 56 39.8	70.9	2	— 18.08
5702	Weisse (2) XIII, 899 .	8.0	42 42.87	68.3	4	2.877	+ 18 34 36.6	71.4	1	18.08
5703	v Bootis	4.0*	42 43.60	53.7	4	2.900	+ 16 29 37.1	53.4	3	18.07
5704	O. Arg. S. 13177 . .	8.0	42 50.71	69.3	2	3.375	— 27 36 40.8	69.3	3	18.07
5705	Weisse XIII, 731 . .	7.3	42 51.84	68.2	3	3.200	— 12 24 48.9	67.4	1	18.07
5706	O. Arg. S. 13182 . .	8.2	13 43 4.30	69.3	2	+ 3.375	— 27 33 46.8	69.7	3	— 18.06
5707	e Bootis	5.5	43 5.58	66.5	3	2.838	+ 21 57 38.1	67.3	2	18.06
5708	Weisse (2) XIII, 910 .	8.5	43 7.47	63.9	2	2.673	+ 34 26 23.9	71.5	1	18.06
5709	Weisse XIII, 737 . .	8.5	43 16.12	59.3	2	2.925	+ 14 11 0.5	56.4	4	18.05
5710	B. A. C. 4620 . . .	6.0	43 25.81	63.3	3	3.492	— 35 44 2.4	68.9	2	18.05

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			h. m. s.			″	° ′ ″			″
5711	Anonymous . . .	9.0	13 43 37.08	64.4	2	+ 0.355	+ 77 52 . .	.	.	— 18.04
5712	Lacaille 5710 . . .	6.7	43 38.16	62.4	2	3.328	— 23 41 2.1	64.3	2	18.04
5713	Weisse (2) XIII, 930 .	6.8	43 38.84	68.9	2	2.626	+ 37 19 42.1	46.4	2	18.04
5714	Lalande 25494 . . .	7.5	43 44.09	65.9	2	2.836	+ 21 57 5.8	71.9	2	18.04
5715	Anonymous . . .	. .	43 44.39	49.3	2	2.828	+ 22 39 41.3	49.3	2	18.04
5716	k Centauri, (1st *) . .	6.0	13 43 45.37	63.7	3	+ 3.442	— 32 17 50.4	72.0	2	— 18.04
5717	k Centauri, (2d *) . .	7.0	43 46.06	63.4	2	3.442	— 32 17 53.2	72.0	2	18.03
5718	Piazzi XIII, 220 . .	7.0	43 47.01	65.9	2	2.836	+ 21 58 22.9	72.4	1	18.03
5719	Anonymous . . .	8.5	44 0.92	64.7	3	3.529	— 37 55 27.9	68.3	1	18.03
5720	Rumker 4483 . . .	8.4	44 4.00	66.4	2	2.944	+ 12 16 30.3	68.4	1	18.02
5721	B. A. C. 4627 . . .	7.0*	13 44 53.61	60.4	2	+ 2.651	+ 35 28 2.5	53.3	3	— 17.99
5722	Anonymous . . .	7.3	45 9.12	64.9	2	3.392	— 28 23 . .	.	.	17.98
5723	Lacaille 5724 . . .	7.0*	45 16.16	63.4	2	3.528	— 37 34 20.7	68.1	3	17.98
5724	B. A. C. 4631 . . .	6.0	45 22.46	63.3	2	3.487	— 34 58 16.7	67.4	2	17.97
5725	Weisse (2) XIII, 976 .	7.5	45 24.18	68.9	2	2.601	+ 38 24 46.0	46.4	1	17.97
5726	B. A. C. 4632 . . .	5.8	13 45 36.80	68.5	2	+ 2.654	+ 35 8 22.8	47.4	1	— 17.96
5727	Weisse (2) XIII, 978 .	9.0	45 37.34	63.9	2	2.807	+ 24 1 0.1	67.9	2	17.96
5728	Lacaille 5729 . . .	5.6	45 44.74	64.2	5	3.483	— 34 37 12.2	68.0	2	17.96
5729	Weisse (2) XIII, 984 .	8.0	45 46.32	65.4	2	2.633	+ 36 24 32.5	63.4	4	17.96
5730	O. Arg. S. 13215 . .	7.0	45 48.98	65.2	5	3.363	— 26 0 54.3	69.9	2	17.96
5731	Weisse (2) XIII, 994 .	8.1	13 46 17.58	63.9	4	+ 2.805	+ 24 1 34.8	69.9	2	— 17.94
5732	Lacaille 5739 . . .	6.5*	46 19.35	66.9	4	3.391	— 28 3 6.0	69.4	2	17.94
5733	Weisse (2) XIII, 997 .	8.0	46 20.96	59.3	2	2.631	+ 36 22 20.3	64.9	2	17.93
5734	B. A. C. 4636 . . .	6.3	46 21.63	62.4	2	3.389	— 27 52 34.1	69.5	2	17.93
5735	Rumker 4501 . . .	7.5	46 26.28	63.3	2	2.929	+ 13 26 4.7	66.9	2	17.93
5736	Weisse XIII, 785 . .	8.5	13 46 30.28	63.3	2	+ 2.968	+ 9 49 12.3	67.4	2	— 17.93
5737	Lacaille 5743 . . .	6.5	46 30.42	63.4	2	3.475	— 33 54 18.1	70.8	2	17.93
5738	Anonymous . . .	7.3	46 32.10	68.9	2	1.682	+ 66 40 25.1	62.3	1	17.93
5739	Anonymous . . .	9.2	46 34.43	68.9	4	0.288	+ 77 50 53.7	55.3	2	17.93
5740	B. A. C. 4640 . . .	6.5	46 49.23	60.4	3	2.734	+ 29 20 17.2	54.4	4	17.92
5741	Weisse XIII, 794 . .	8.8	13 46 53.96	63.3	2	+ 2.928	+ 13 22 25.9	62.4	1	— 17.91
5742	Weisse XIII, 797 . .	7.7	47 3.29	68.9	2	2.956	+ 10 55 33.3	58.4	2	17.90
5743	i Draconis	7.2	47 20.67	63.1	3	1.753	+ 65 24 56.2	61.4	3	17.90
5744	Weisse XIII, 808 . .	8.2	47 42.42	59.3	2	3.198	— 11 45 33.9	56.3	2	17.88
5745	Lacaille 5754 . . .	6.7	47 52.91	64.1	3	3.421	— 29 53 22.1	66.4	2	17.87
5746	Anonymous . . .	8.0	13 47 55.68	65.4	3	+ 3.546	— 37 58 27.4	72.4	2	— 17.87
5747	η Bootis	3.0*	48 1.15	50.3	237	2.862	+ 19 6 6.5	52.8	54	17.87
5748	Weisse XIII, 813 . .	8.0	48 2.90	59.4	2	3.196	— 11 32 3.4	56.3	2	17.87
5749	Lacaille 5758 . . .	6.9	48 23.73	64.8	8	3.542	— 37 37 52.3	67.9	2	17.85
5750	Anonymous . . .	7.0	48 29. . .	.		3.543	— 37 42 37.6	70.4	1	17.85

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			h. m. s.			"	° ′ ″			"
5751	Anonymous . . .	. .	13 48 30.96	63.3	1	+ 3.543	— 37 39 57.8	67.4	1	— 17.85
5752	Lalande 25625 . . .	7.2	48 35.00	68.4	2	2.599	+ 37 45 55.4	47.4	2	17.85
5753	Lacaille 5763 . . .	6.5	48 35.30	65.9	2	3.382	— 26 57 1.0	67.9	2	17.85
5754	Rumker 4517 . . .	6.4	49 5.12	63.3	2	2.911	+ 14 44 36.9	66.9	2	17.83
5755	Weisse (2) XIII, 1077 .	8.5	49 28.41	63.4	3	2.782	+ 25 12 58.7	67.4	2	17.81
5756	Lalande 25635 . . .	6.3	13 49 40.67	70.0	2	+ 3.325	— 22 20 13.8	67.3	2	— 17.80
5757	Lacaille 5769 . . .	7.5	49 41.50	63.4	2	3.544	— 37 28 57.9	69.4	3	17.80
5758	Weisse (2) XIII, 1084.	6.5	49 43.70	60.4	3	2.726	+ 29 21 31.3	54.4	3	17.80
5759	Rumker 4522 . . .	7.0	49 43.94	64.7	3	2.764	+ 26 36 19.3	58.3	1	17.80
5760	Anonymous . . .	8.0	49 52.62	69.3	2	3.432	— 30 16 39.1	64.4	2	17.79
5761	B. A. C. 4652 . . .	7.0*	13 49 57.66	60.3	2	+ 2.675	+ 32 43 0.3	54.4	3	— 17.79
5762	Lacaille 5773 . . .	6.9	50 5.43	64.6	4	3.364	— 25 18 47.5	63.9	2	17.79
5763	Lacaille 5774 . . .	6.7	50 9.56	63.4	2	+ 3.416	— 29 3 28.5	67.4	2	17.78
5764	Radcliffe 3117 . . .	6.7	50 33.94	64.8	2	— 0.337	+ 79 41 11.2	67.4	2	17.77
5765	47 Hydræ	5.5	50 40.26	62.4	2	+ 3.352	— 24 17 13.7	65.9	2	17.76
5766	Lalande 25674 . . .	8.0*	13 50 48.52	59.4	2	+ 2.795	+ 24 3 16.1	49.3	2	— 17.76
5767	Anonymous . . .	7.0	50 50.22	65.4	4	3.539	— 36 54 42.8	70.8	2	17.76
5768	Anonymous . . .	8.0	50 50.47	65.4	1	3.536	— 36 42 58.5	71.4	1	17.76
5769	Weisse XIII, 866 . .	7.5	50 57.45	59.4	2	3.221	— 13 26 17.3	55.3	2	17.75
5770	Rumker 4529 . . .	6.0*	51 1.55	61.9	2	2.773	+ 25 41 5.8	57.2	4	17.75
5771	Anonymous . . .	8.1	13 51 50.	. .	.	+ 2.799	+ 23 33 6.8	49.3	1	— 17.71
5772	Anonymous . . .	. .	52 2.88	65.0	3	3.540	— 36 42 38.2	68.3	1	17.71
5773	Anonymous . . .	9.0	52 6.38	62.0	3	2.798	+ 23 33 34.0	71.9	2	17.70
5774	48 Hydræ	5.8	52 10.14	62.4	2	3.356	— 24 19 30.7	66.4	2	17.70
5775	Anonymous . . .	9.0	52 24.70	71.4	2	3.554	— 37 26 32.7	68.9	2	17.69
5776	Lacaille 5779 . . .	6.5	13 52 31.25	63.3	2	+ 3.671	— 43 31 58.4	68.9	2	— 17.69
5777	Weisse XIII, 893 . .	9.0	52 34.81	59.3	3	3.206	— 12 1 31.7	64.4	2	17.68
5778	Σ Cat. Gen. 1570, (1st *) .	8.5	52 39.10	63.3	1	2.757	+ 26 29 49.8	71.4	2	17.68
5779	Σ Cat. Gen. 1570, (2d *) .	8.0	52 39.44	62.9	4	2.757	+ 26 29 55.7	62.4	2	17.68
5780	Lacaille 5785 . . .	6.6	52 41.75	62.9	2	3.374	— 25 34 48.8	68.5	2	17.68
5781	Brisbane 4727 . . .	7.0	13 52 48.05	65.0	3	+ 3.546	— 36 47 18.2	70.4	4	— 17.67
5782	B. A. C. 4667 . . .	5.8	52 52.63	64.1	3	3.594	— 39 32 30.8	68.3	2	17.67
5783	Anonymous . . .	7.2	52 52.85	64.3	1	3.576	— 38 34 12.9	66.3	1	17.67
5784	Anonymous . . .	8.7	53 2.95	71.4	2	3.543	— 36 39 4.8	68.3	1	17.66
5785	Weisse (2) XIII, 1167 .	8.3	53 10.54	71.1	4	2.795	+ 23 36 52.5	68.4	1	17.66
5786	Anonymous . . .	8.0	13 53 21.07	68.9	2	+ 3.582	— 38 45 30.0	65.4	2	— 17.65
5787	Anonymous . . .	8.8	53 25.06	68.4	2	2.790	+ 23 58 50.8	49.3	2	17.65
5788	Anonymous . . .	6.5	53 47.80	67.9	2	3.549	— 36 48	. .	.	17.63
5789	Anonymous . . .	8.6	53 50.40	62.6	4	0.324	+ 76 56 53.8	67.4	2	17.63
5790	Anonymous . . .	7.2	54 5.47	69.4	2	3.527	— 35 30 2.4	64.3	1	17.62

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			h. m. s.			″	° ′ ″			″
5791	B. A. C. 4671 . . .	6.0	13 54 25.57	62.9	2	+ 3.395	− 26 45 6.3	66.9	2	− 17.61
5792	Weisse XIII, 931 . .	9.3	54 26.48	64.7	3	3.047	+ 2 13 53.5	68.7	4	17.61
5793	Anonymous . . .	8.4	54 26.71	71.4	4	0.258	+ 77 11 7.3	69.4	2	17.60
5794	Anonymous . . .	8.2	54 26.94	63.4	2	0.280	+ 77 5	. .	.	17.61
5795	Rumker 4551 . . .	7.4	54 30.86	61.6	4	2.805	+ 22 39 24.1	57.4	3	17.60
5796	τ Virginis	4.7	13 54 31.42	62.5	59	+ 3.047	+ 2 13 24.0	62.7	5	− 17.60
5797	Anonymous . . .	8.8	54 39.78	67.0	3	0.609	+ 75 24 20.4	71.4	1	17.60
5798	Lacaille 5790 . . .	7.4	54 42.10	62.4	2	3.387	− 26 10 12.5	69.0	2	17.60
5799	11 Bootis	7.2	54 49.52	68.4	2	2.730	+ 28 3 50.8	65.9	2	17.59
5800	Weisse XIII, 942 . .	9.2	54 54.	. .	.	3.047	+ 2 13 56.0	71.4	1	17.59
5801	Weisse (2) XIII, 1201 .	9.0	13 54 59.36	59.3	2	+ 2.787	+ 23 53 0.5	49.3	2	− 17.58
5802	Lalande 25762 . . .	9.0	55 0.71	59.4	2	3.229	− 13 40 48.1	56.4	2	17.58
5803	Anonymous . . .	8.8	55 27.40	65.8	2	0.597	+ 75 23 3.8	71.4	1	17.56
5804	Anonymous . . .	7.6	55 40.95	64.4	2	3.561	− 37 5 48.5	65.4	1	17.55
5805	Lacaille 5798, (1st *) .	8.0	55 44.46	67.3	2	3.553	− 36 36 27.3	69.8	2	17.55
5806	Lacaille 5798, (2d *) .	7.0	13 55 46.60	67.3	2	3.552	− 36 35 16.1	69.8	2	− 17.55
5807	Lacaille 5800 . . .	7.1	56 20.32	63.4	2	3.527	− 34 58 15.1	67.4	2	17.53
5808	O. Arg. S. 13349 . .	8.0	56 21.38	65.4	3	3.416	− 27 55 28.1	67.9	2	17.53
5809	Weisse XIII, 974 . .	8.8	56 32.10	59.9	2	3.244	− 14 48 38.1	55.3	2	17.52
5810	Anonymous . . .	8.0	56 32.31	67.9	2	3.574	− 37 36 19.8	67.4	1	17.52
5811	Weisse XIII, 797 . .	8.0	13 56 42.64	59.3	3	+ 3.204	− 11 27 17.9	55.4	3	− 17.51
5812	B. A. C. 4680 . . .	6.0	56 56.94	45.4	1	3.171	− 8 35 0.7	70.4	2	17.50
5813	O. Arg. S. 13357 . .	7.7	57 4.57	64.4	2	3.417	− 27 50 38.1	67.4	2	17.50
5814	Lacaille 5812 . . .	8.0	57 34.23	64.1	4	3.568	− 37 3 24.1	67.9	2	17.47
5815	B. A. C. 4682 . . .	7.5*	57 36.64	60.4	2	3.256	− 15 39 48.4	54.4	3	17.47
5816	Anonymous . . .	9.0	13 57 36.96	65.4	3	+ 3.500	− 33 5 59.3	71.5	1	− 17.47
5817	Anonymous . . .	8 0	57 40.	. .	.	3.499	− 33 1 23.2	72.1	3	17.47
5818	Lacaille 5819 . . .	6.0	58 14.39	63.3	3	3.521	− 34 13 39.4	63.4	2	17.45
5819	π Hydræ	3.1	58 24.41	55.8	5	3.394	− 26 0 21.8	62.5	2	17.44
5820	θ Centauri	2.5*	58 27.83	48.0	12	3.546	− 35 40 42.7	56.2	5	17.44
5821	Lalande 25860 . . .	7.3	13 58 29.21	68.4	3	+ 2.608	+ 35 5 43.7	47.4	2	− 17.43
5822	Lacaille 5822 . . .	6.6	58 50.60	63.9	4	3.533	− 34 49 19.4	66.3	2	17.42
5823	94 Virginis	6.0*	58 53.18	60.5	6	3.167	− 8 13 16.3	64.4	2	17.42
5824	Anonymous . . .	9.0	58 54.18	66.9	2	3.248	− 14 50 19.3	68.9	2	17.42
5825	O. Arg. S. 13387 . .	6.7	59 2.72	65.4	2	3.406	− 26 41 1.9	70.4	2	17.41
5826	Anonymous . . .	9.1	13 59 3.59	66.9	2	+ 3.248	− 14 51 13.9	71.4	1	− 17.41
5827	Weisse XIII, 1035. .	6.8	59 7.84	63.4	2	3.232	− 13 32 1.7	64.4	2	17.41
5828	Weisse XIII, 1037. .	8.8	59 11.34	59.4	2	3.231	− 13 25 34.9	55.4	2	17.40
5829	Anonymous . . .	9.0	59 21.36	69.3	2	2.778	+ 23 52 4.8	49.3	1	17.40
5830	Lacaille 5824 . . .	6.4	59 31.01	63.3	2	3.526	− 34 16 50.9	64.8	2	17.39

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			h. m. s.			"	° ′ ″			"
5831	Anonymous . . .	. .	13 59 31.19	49.3	1	+ 2.749	+ 25 52 42.7	49.3	1	— 17.39
5832	B. A. C. 4691 . . .	7.0*	59 36.69	61.3	3	3.257	— 15 31 16.1	68.5	3	17.39
5833	Weisse (2) XIII, 1309 .	8.8	59 50.20	68.4	2	2.774	+ 24 3 32.2	49.3	2	17.38
5834	O. Arg. S. 13394 . .	7.0	13 59 56.25	64.9	2	3.408	— 26 40 34.8	70.1	3	17.37
5835	Anonymous . . .	7.7	14 0 9.76	64.4	3	3.497	— 32 23 5.5	67.4	2	17.36
5836	B. A. C. 4694 . . .	7.0*	14 0 13.66	60.3	3	+ 2.661	+ 31 31 15.6	54.4	3	— 17.36
5837	Anonymous . . .	8.0	0 34.89	66.9	2	3.399	— 25 59 4.5	67.4	2	17.34
5838	*a* Draconis	3.4*	0 36.06	57.8	18	1.629	+ 65 2 44.7	63.6	26	17.34
5839	Weisse XIII, 1071. .	7.2	0 59.18	59.3	3	3.205	— 11 9 44.4	56.4	2	17.33
5840	Anonymous . . .	7.7	1 3.74	65.1	4	3.408	— 26 31 40.2	67.4	2	17.32
5841	Anonymous . . .	8.0	14 1 7.58	65.1	4	+ 3.408	— 26 31 38.3	67.4	2	— 17.32
5842	Anonymous . . .	9.0	1 34.56	59.4	2	2.614	+ 34 4 10.3	57.4	3	17.30
5843	Anonymous . . .	9.2	1 49.88	69.4	2	3.145	— 6 8 50.0	56.3	2	17.29
5844	Weisse (2) XIV, 11 .	7.0	1 50.42	60.4	2	2.756	+ 24 58 52.7	57.4	2	17.29
5845	Anonymous . . .	9.1	1 56.38	61.4	4	1.529	+ 66 16 23.9	59.7	3	17.28
5846	Lacaille 5837 . . .	7.0	14 2 6.12	62.7	3	+ 3.463	— 29 57 19.6	68.4	2	— 17.28
5847	Weisse (2) XIV, 21 .	7.8	2 14.76	68.3	2	2.552	+ 37 24 56.1	46.4	1	17.27
5848	Lacaille 5838 . . .	7.2	2 17.07	62.9	4	3.456	— 29 25 25.1	66.4	2	17.27
5849	Anonymous . . .	. .	2 27.16	65.4	1	3.405	— 26 4 8.8	67.4	1	17.26
5850	Lacaille 5839 . . .	6.5	2 40.92	64.1	7	3.488	— 31 24 43.9	64.9	2	17.25
5851	Anonymous . . .	7.2	14 2 58.39	64.4	1	+ 3.406	— 26 4	. .	.	— 17.24
5852	O. Arg. S. 13432 . .	8.0	2 58.75	67.3	2	3.386	— 24 39 27.7	70.5	2	17.24
5853	Weisse XIV, 31 . .	8.8	3 7.95	61.7	3	3.143	— 5 53 45.9	59.7	3	17.23
5854	B. A. C. 4700 . . .	5.5	3 12.01	60.0	5	3.264	— 15 38 20.8	58.5	8	17.23
5855	Weisse (2) XIV, 40 .	8.8	3 13.10	59.4	2	2.770	+ 23 49 7.5	58.4	2	17.23
5856	Lacaille 5842 . . .	7.6	14 3 13.46	63.1	3	+ 3.454	— 29 7 18.8	68.4	2	— 17.23
5857	Lacaille 5843 . . .	6.8	3 17.56	63.3	3	3.492	— 31 30 23.1	67.1	3	17.22
5858	O. Arg. S. 13438 . .	7.8	3 22.46	67.3	2	3.402	— 25 40 54.7	70.2	4	17.22
5859	O. Arg. S. 13444 . .	8.3	3 34.70	63.4	2	3.274	— 16 21 38.7	67.9	2	17.21
5860	Anonymous . . .	8.0	3 42.	. .	.	3.385	— 24 31 9.5	71.7	3	17.20
5861	Lalande 26013 . . .	7.0	14 3 50.62	68.4	2	+ 2.535	+ 37 59 34.9	47.4	2	— 17.20
5862	*d* Bootis	5.5*	4 0.84	61.4	6	+ 2.739	+ 25 45 23.4	58.6	5	17.19
5863	Groombridge 2099. .	7.0*	4 26.90	61.9	4	— 7.993	+ 86 25 40.4	67.4	2	17.17
5864	Lacaille 5855 . . .	6.8	4 29.76	63.1	3	+ 3.376	— 23 42 10.1	65.9	2	17.17
5865	50 Hydræ	5.4	4 45.23	63.2	7	3.419	— 26 35 1.0	67.4	2	17.16
5866	Anonymous . . .	8.8	14 4 57.95	65.4	3	+ 3.521	— 32 54 34.3	68.4	2	— 17.15
5867	Anonymous . . .	9.1	5 1.74	65.4	4	3.520	— 32 50 57.7	67.2	3	17.14
5868	Anonymous . . .	8.8	5 8.46	65.4	5	3.521	— 32 51 30.3	67.7	3	17.14
5869	B. A. C. 4714 . . .	6.0	5 8.60	68.3	2	2.622	+ 32 57 19.3	47.4	1	17.14
5870	B. A. C. 4711 . . .	6.6	5 13.43	55.7	7	3.410	— 25 57 9.9	55.2	5	17.14

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			h. m. s.			″	° ′ ″			″
5871	O. Arg. S. 13471 . .	8.4	14 5 20.29	65.4	3	+ 3.263	− 15 23 28.7	58.5	2	− 17.13
5872	κ Virginis	4.0*	5 25.90	60.0	18	3.190	− 9 37 14.0	60.4	3	17.13
5873	Weisse XIV, 83 . .	8.8	6 3.65	60.4	5	3.174	− 8 20 20.7	65.5	2	17.10
5874	Lacaille 5860 . . .	6.0	6 4.79	63.4	3	3.684	− 41 10 48.1	67.5	2	17.10
5875	Weisse XIV, 88 . .	9.0	6 12.81	59.3	3	3.176	− 8 28 47.2	55.4	2	17.09
5876	Lalande 26054 . . ,	8.0	14 6 30.68	59.4	2	+ 3.284	− 16 48 25.3	54.7	3	− 17.08
5877	B. A. C. 4719 . . .	6.3	6 55.37	62.0	6	3.456	− 28 37 33.3	66.3	2	17.06
5878	Anonymous . . .	9.0	7 21.08	66.9	2	3.602	− 36 56 40.9	69.4	2	17.04
5879	14 Bootis	5.5*	7 21.26	60.3	2	2.901	+ 13 37 3.8	54.4	3	17.04
5880	B. A. C. 4722 . . .	5.0	7 41.54	59.8	2	3.296	− 17 32 45.4	66.4	2	17.02
5881	Lacaille 5872 . . .	5.3	14 8 1.73	65.0	7	+ 3.525	− 32 35 17.5	65.9	1	− 17.01
5882	Lacaille 5873 . . .	6.5	8 5.66	63.3	3	3.505	− 31 25 13.1	67.4	2	17.00
5883	O. Arg. S. 13501 . .	7.3	8 11.53	68.4	2	3.268	− 15 25 41.0	55.4	2	17.00
5884	Lacaille 5877 . . .	7.9	8 21.78	67.4	3	3.558	− 34 21 18.5	69.9	2	16.99
5885	Weisse XIV, 130 . .	8.8	8 32.28	59.9	2	3.182	− 8 43 25.7	55.9	2	16.98
5886	ι Virginis	5.6	14 8 40.71	71.0	3	+ 3.138	− 5 19 54.2	68.4	2	− 16.98
5887	Lacaille 5878 . . .	6.7	9 9.66	63.4	2	3.714	− 41 56 25.2	68.9	2	16.95
5888	O. Arg. N. 14403 . .	8.6	9 11.60	65.4	2	1.973	+ 56 58 22.5	65.4	2	16.95
5889	α Bootis	1.0	9 16.98	55.0	357	+ 2.813	+ 19 55 3.5	51.5	110	16.95
5890	4 Ursæ Minoris . . .	5.5	9 27.64	68.4	2	− 0.355	+ 78 12 18.3	64.2	12	16.94
5891	B. A. C. 4731 . . .	6.0	14 9 29.26	60.4	2	+ 2.818	+ 19 33 53.9	53.4	3	− 16.94
5892	Lacaille 5880 . . .	6.0	9 32.84	63.0	2	3.426	− 26 18 27.4	67.6	4	16.94
5893	Anonymous . . .	9.0	9 47.33	62.6	4	3.128	− 4 29 56.9	58.4	3	16.92
5894	Anonymous . . .	7.0	9 50.68	68.4	2	2.565	+ 35 14 4.1	49.3	1	16.92
5895	Weisse (2) XIV, 196 .	6.5	10 2.21	68.5	1	2.799	+ 20 46 34.0	69.4	2	16.91
5896	Lacaille 5883 . . .	5.5	14 10 7.29	65.0	7	+ 3.531	− 32 34 11.1	66.9	2	− 16.91
5897	Anonymous . . .	7.7	10 22.32	67.4	2	3.609	− 36 41 50.8	67.4	2	16.90
5898	Weisse XIV, 171 . .	9.0	10 32.53	62.7	3	3.129	− 4 29 1.1	63.7	3	16.89
5899	Weisse XIV, 173 . .	7.5	10 54.	. .	.	3.139	− 5 19 19.9	68.4	2	16.89
5900	Weisse XIV, 174 . .	9.0	10 38.60	63.1	4	3.129	− 4 29 37.9	61.6	5	16.88
5901	Weisse (2) XIV, 228 .	8.0	14 10 46.04	59.3	2	+ 2.443	+ 41 3 12.0	57.4	3	− 16.88
5902	Lacaille 5886 . . .	5.6	10 56.65	63.3	2	3.604	− 36 21 13.9	69.9	2	16.87
5903	B. A. C. 4740 . . .	6.0	11 4.67	66.5	2	3.412	− 25 10 52.0	66.5	2	16.86
5904	Weisse XIV, 179 . .	8.3	11 5.54	68.4	2	3.184	− 8 45 38.9	55.9	2	16.86
5905	ι Bootis	4.0*	11 12.24	65.4	2	2.144	+ 52 0 50.5	65.9	2	16.86
5906	λ Virginis	5.7	14 11 32.35	63.5	16	+ 3.236	− 12 43 29.7	65.9	2	− 16.84
5907	Lalande 26172 . . .	7.5	11 41.76	60.6	3	3.306	− 17 52 33.6	58.4	8	16.83
5908	. . . . .	. .	. . .	. .	.	. .	. . . . .	. .	.	. .
5909	Weisse (2) XIV, 245 .	7.5	11 42.12	68.9	2	2.440	+ 41 1 17.6	57.4	3	16.83
5910	Weisse (2) XIV, 248 .	8.5	11 58.02	60.4	2	2.738	+ 24 38 50.2	58.1	3	16.82

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			h. m. s.			"	° ′ ″			"
5911	Weisse XIV, 199, (1st *)	8.0	14 11 58.08	65.4	3	+ 3.241	− 13 3 44.0	69.1	3	− 16.82
5912	Weisse XIV, 199, (2d *)	7.0	11 58.24	65.4	3	3.241	− 13 3 44.0	69.1	3	16.82
5913	ψ Centauri.	5.0	12 3.21	63.4	3	3.626	− 37 14 22.7	69.8	3	16.82
5914	O. Arg. S. 13541 . .	7.0	12 3.35	64.1	4	3.450	− 27 24 8.3	70.4	2	16.82
5915	A Bootis	6.0*	12 4.54	60.4	2	2.539	+ 36 9 24.8	53.3	4	16.82
5916	Lacaille 5898 . . .	7.0	14 12 15.67	63.4	2	+ 3.565	− 34 1 54.9	67.9	2	− 16.81
5917	Weisse XIV, 209 . .	8.8	12 21.43	66.9	2	3.130	− 4 30 1.5	68.4	2	16.80
5918	B. A. C. 4752 . . .	6.0	12 22.41	66.1	3	2.139	+ 51 57 20.4	53.4	3	16.80
5919	18 Bootis	6.0*	12 29.88	65.0	2	2.894	+ 13 39 6.6	54.4	3	16.80
5920	O. Arg. S. 13544 . .	7.2	12 38.66	64.9	2	3.396	− 23 51 40.5	61.4	3	16.79
5921	Weisse XIV, 221 . .	9.2	14 12 53.81	62.0	3	+ 3.118	− 3 36 34.2	68.4	2	− 16.78
5922	Lalande 26210 . . .	8.0	13 4.39	60.9	2	3.320	− 18 41 21.4	60.1	3	16.77
5923	Anonymous. . . .	7.0	13 14.59	65.5	1	3.646	− 38 2 10.7	67.9	2	16.76
5924	Lacaille 5906 . . .	7.6	13 37.61	63.5	2	3.442	− 26 40 41.3	69.5	3	16.74
5925	Lacaille 5910 . . .	6.7	13 55.92	63.8	5	3.459	− 27 39 56.9	68.5	3	16.73
5926	B. A. C. 4757 . . .	6.0	14 13 56.91	63.4	4	+ 3.572	− 34 8 41.3	70.5	2	− 16.73
5927	Weisse XIV, 236 . .	7.8	14 0.16	68.3	2	3.131	− 4 34 17.4	69.4	3	16.72
5928	O. Arg. N. 14464 . .	6.5	14 17.14	62.4	2	1.996	+ 55 30 32.2	62.4	2	16.71
5929	Anonymous . . .	8.7	14 36.57	68.4	2	3 597	− 35 20 17.4	67.9	2	16.70
5930	Lacaille 5915 . . .	7.8	14 38.43	62.5	2	3.436	− 26 8 45.9	69.4	2	16.69
5931	Weisse XIV, 254 . .	9.0	14 14 48.95	68.4	1	+ 3.131	− 4 34 40.0	71.4	2	− 16.68
5932	Weisse XIV, 252 . .	9.3	14 49.74	63.1	3	3.193	− 9 15 12.3	59.4	2	16.68
5933	Weisse XIV, 257 . .	9.0	14 57.93	59.3	1	3.133	− 4 40 5.6	72.4	2	16.68
5934	51 Hydræ	5.2	15 2.33	54.4	6	3.452	− 27 6 32.7	57.0	5	16.67
5935	Anonymous . . .	8.2	15 34.25	67.0	2	3.447	− 26 42 30.0	71.4	2	16.65
5936	Anonymous . . .	8.5	14 15 44.38	65.1	4	+ 3.461	− 27 30 43.0	70.4	2	− 16.64
5937	Lacaille 5922 . . .	7.4	15 44.83	62.8	3	3.486	− 29 2 13.9	69.5	3	16.64
5938	2 Libræ	6.0*	15 53.88	66.1	8	3.218	− 11 4 21.2	60.8	3	16.63
5939	Lacaille 5923 . . .	6.8	15 55.45	64.4	4	3.547	− 32 26 53.9	69.4	2	16.63
5940	O. Arg. S. 13584 . .	7.5	16 11.64	59.3	2	3.332	− 19 10	. .	.	16.62
5941	O. Arg. S. 13589 . .	8.8	14 16 17.86	69.3	2	+ 3.332	− 19 6	. .	.	− 16.61
5942	Lacaille 5926 . . .	8.4	16 26.23	62.8	3	3.487	− 28 58 50.7	70.0	2	16.61
5943	Lacaille 5925 . . .	6.8	16 29.40	66.0	2	3.633	− 36 48 31.1	70.9	2	16.60
5944	Lalande 26293 . . .	8.0	16 38.55	59.3	3	3.331	− 19 2 47.4	55.4	3	16.60
5945	B. A. C. 4767 . . .	6.0	16 49.84	62.7	3	3.409	− 24 10 6.1	66.0	2	16.59
5946	Weisse XIV, 293 . .	7.0	14 16 59.78	65.4	5	+ 3.252	− 13 26 37.5	68.4	2	− 16.58
5947	B. A. C. 4769 . . .	7.5	17 2.55	64.9	2	2.987	+ 6 27 37.1	66.4	2	16.58
5948	Anonymous . . .	7.4	17 5.77	64.7	3	3.464	− 27 29 38.5	68.4	2	16.57
5949	Lacaille 5932 . . .	6.9	17 11.47	63.6	4	3.549	− 32 20 9.7	68.9	2	16.57
5950	B. A. C. 4773 . . .	5.8	17 13.43	63.7	3	2.987	+ 6 27 25.4	66.4	2	16.57

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			h. m. s.			″	° ′ ″			″
5951	Weisse XIV, 314 . .	9.0*	14 17 35.37	70.5	2	+ 3.030	+ 3 10 23.7	67.4	1	— 16.55
5952	B. A. C. 4778 . . .	6.2	17 40.72	68.3	2	2.485	+ 37 50 31.1	46.8	2	16.54
5953	Anonymous . . .	8.6	17 42.46	66.9	2	3.442	— 26 5 53.8	70.4	3	16.54
5954	B. A. C. 4776 . . .	7.0	17 43.47	62.0	8	3.444	— 26 12 52.8	62.5	2	16.54
5955	Weisse XIV, 316 . .	8.0	17 47.69	65.4	4	+ 3.253	— 13 27 4.6	65.4	1	16.54
5956	Schwerd 835 . . .	8.0	14 17 56.27	64.1	3	— 1.214	+ 79 59	. .	.	— 16.53
5957	O. Arg. S. 13611 . .	7.5	17 58.74	65.3	2	+ 3.451	— 26 35 25.4	68.9	2	16.53
5958	Lacaille 5941 . . .	7.2	18 6.86	63.4	2	3.557	— 32 36 58.1	67.9	2	16.52
5959	(* 112) Washington .	9.0	18 41.12	62.9	2	3.030	+ 3 10 22.1	64.9	2	16.49
5960	Rumker 4697 . . .	7.0	18 48.47	59.3	2	3.050	+ 1 37 41.7	56.7	3	16.49
5961	Radcliffe 3200 . . .	8.0	14 18 56.32	59.4	2	+ 2.244	+ 47 24 17.2	56.4	4	— 16.48
5962	Lacaille 5945 . . .	7.0	19 3.67	63.5	2	3.602	— 34 48 48.3	66.4	2	16.48
5963	O. Arg. S. 13626 . .	8.0	19 12.55	66.4	1	3.466	— 27 17 18.0	70.4	2	16.47
5964	O. Arg. S. 13629 . .	7.6	19 21.41	66.3	4	3.466	— 27 16 18.5	65.4	3	16.46
5965	B. A. C. 4783 . . .	6.5*	19 46.27	53.3	11	2.451	+ 39 1 37.4	53.9	6	16.44
5966	52 Hydræ	5.8	14 19 59.00	53.8	7	+ 3.495	— 28 51 36.7	58.0	6	— 16.43
5967	Weisse XIV, 362 . .	8.0	20 7.23	59.4	2	3.087	— 1 6 29.7	55.4	2	16.42
5968	Anonymous . . .	8.5	20 14.61	66.9	2	3.450	— 26 13 3.8	68.4	2	16.42
5969	θ Bootis	4.0*	20 25.72	63.4	6	2.070	+ 52 29 56.2	63.6	4	16.41
5970	O. Arg. S. 13647 . .	7.0	20 26.64	65.3	4	3.469	— 27 17 21.4	64.4	2	16.41
5971	Weisse XIV, 371 . .	8.0	14 20 46.30	59.4	2	+ 3.087	— 1 8 15.8	55.4	3	— 16.39
5972	Lacaille 5953 . . .	7.0	20 58.65	62.7	3	3.491	— 28 29 6.1	67.4	2	16.38
5973	106 Virginis	6.0	21 18.85	45.4	2	3.157	— 6 16 12.6	68.5	2	16.36
5974	O. Arg. S. 13663 . .	6.4	21 27.61	64.2	5	3.439	— 25 23 7.6	64.9	2	16.35
5975	Lacaille 5955 . . .	6.5	21 42.40	63.4	2	3.719	— 39 51 0.9	68.4	2	16.34
5976	Lacaille 5959 . . .	7.5	14 21 47.40	62.9	2	+ 3.432	— 24 54 51.6	69.5	3	— 16.34
5977	Anonymous . . .	7.7	22 25.56	68.4	2	2.460	+ 38 11 3.0	46.4	1	16.31
5978	Lacaille 5962 . . .	6.2	22 27.43	65.9	2	3.720	— 39 45 40.2	68.5	2	16.30
5979	B. A. C. 4797 . . .	6.0	22 28.60	52.7	8	2.489	+ 36 49 30.2	47.4	2	16.30
5980	Lacaille 5963 . . .	5.5	22 31.22	67.4	2	3.686	— 38 14 43.9	68.4	2	16.30
5981	Anonymous. . . .	10.0	14 22 38.45	64.3	2	+ 2.166	+ 49 18	. .	.	— 16.29
5982	O. Arg. S. 13679 . .	7.5	22 38.87	64.0	5	3.456	— 26 12 36.5	62.5	2	16.29
5983	B. A. C. 4798 . . .	6.5*	22 42.41	59.3	2	3.052	+ 1 27 17.6	56.8	5	16.29
5984	Anonymous . . .	9.0	22 43.83	61.4	2	3.114	— 3 5 38.6	68.4	2	16.29
5985	Lacaille 5967 . . .	7.5	24 44.32	63.5	2	3.599	— 34 3 21.5	69.4	2	16.29
5986	Anonymous . . .	8.3	14 22 49.33	66.4	2	+ 3.444	— 25 29 8.3	69.4	2	— 16.29
5987	B. A. C. 4800 . . .	7.3	22 58.63	63.1	3	3.431	— 24 41 23.0	68.7	3	16.28
5988	Weisse XIV, 422 . .	9.0	23 36.73	60.9	2	3.116	— 3 10 27.5	58.1	3	16.25
5989	Lacaille 5975 . . .	6.4	23 40.30	63.4	2	3.554	— 31 33 45.7	65.9	2	16.24
5990	Weisse XIV, 423 . .	8.0	23 41.57	61.3	4	3.143	— 5 10 41.4	58.4	2	16.24

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			h. m. s.			"	° ′ ″			"
5991	O. Arg. S. 13694 . .	7.0	14 23 46.14	65.5	5	+ 3.420	— 23 56 9.2	65.4	6	— 16.24
5992	O. Arg. S. 13697 . .	7.7	23 57.85	63.8	4	3.474	— 27 4 59.1	66.1	3	16.23
5993	B. A. C. 4805 . . .	6.0*	24 5.72	60.1	4	2.353	+ 42 25 45.8	53.8	5	16.22
5994	O. Arg. S. 13702 . .	7.2	24 5.87	63.2	5	3.458	— 26 9 37.8	62.5	3	16.22
5995	Rumker 4730 . . .	8.8	24 15.41	59.4	2	3.051	+ 1 32 3.3	56.7	3	16.21
5996	Anonymous . . .	. .	14 24 39.44	61.4	2	+ 2.159	+ 49 9 58.3	62.9	2	— 16.19
5997	Weisse XIV, 445 . .	8.0	24 50.02	59.4	2	3.088	— 1 10 5.3	57.8	3	16.18
5998	O. Arg. S. 13711 . .	5.0	24 52.41	65.4	3	3.530	— 30 5 36.5	67.4	3	16.18
5999	Lacaille 5988 . . .	6.8	25 45.22	63.3	2	3.556	— 31 20 16.2	64.9	2	16.13
6000	ρ Bootis	4.0*	25 47.71	63.1	34	2.595	+ 30 59 15.0	61.0	5	16.13
6001	Anonymous. . . .	9.5	14 26 7.90	66.9	2	+ 3.534	— 30 6	. .	.	— 16.12
6002	26 Bootis	6.0*	26 10.73	59.8	2	2.736	+ 22 52 40.3	53.3	3	16.11
6003	Lacaille 5991 . . .	7.0	26 14.12	66.0	2	3.626	— 34 50 40.3	66.9	2	16.11
6004	Lalande 26560 . . .	7.5	26 15.49	67.1	3	2.596	+ 30 52 44.7	67.4	2	16.11
6005	γ Bootis	3.5*	26 26.36	48.4	15	2.428	+ 38 55 17.5	52.8	5	16.10
6006	Rumker 4737 . . .	8.8	14 26 46.71	62.4	3	+ 3.052	+ 1 28 6.1	55.4	3	— 16.08
6007	B. A. C. 4814 . . .	7.0	26 58.30	59.6	6	3.360	— 19 49 22.1	57.6	8	16.07
6008	Anonymous. . . .	8.8	27 4.06	64.9	2	2.086	+ 50 56 26.0	57.4	2	16.07
6009	B. A. C. 4816 . . .	6.0	27 37.00	47.4	2	2.454	+ 37 34 46.2	72.5	1	16.04
6010	Lacaille 6000 . . .	7.5	27 37.02	63.4	2	3.620	— 34 17 31.9	66.4	2	16.04
6011	Lacaille 5999 . . .	5.8	14 27 40.11	65.9	2	+ 3.722	— 38 58 57.1	65.9	2	— 16.03
6012	5 Ursæ Minoris . . .	4.3	27 52.02	62.8	11	— 0.231	+ 76 19 5.5	64.1	29	16.02
6013	Weisse XIV, 503 . .	8.0	28 5.83	61.4	3	+ 3.146	— 5 13 3.8	61.4	3	16.01
6014	O. Arg. S. 13747 . .	7.8	28 19.26	65.4	2	3.494	— 27 38 35.1	68.9	2	16.00
6015	Anonymous . . .	7.8	28 21.64	66.0	2	3.620	— 34 10 53.6	68.4	2	16.00
6016	Anonymous . . .	7.3	14 28 31.22	65.4	2	+ 3.678	— 36 55 9.7	68.9	2	— 15.99
6017	σ Bootis	5.0	28 35.01	58.8	9	2.599	+ 30 21 18.3	64.5	2	15.99
6018	Lamont 4429 . . .	9.2	28 39.44	69.4	1	3.049	+ 1 39 55.3	68.4	2	15.99
6019	Anonymous. . . .	8.3	28 50.	. .	.	3.495	— 27 37 42.4	68.9	2	15.97
6020	Weisse XIV, 519 . .	8.5	28 53.41	60.4	3	3.117	— 3 10 6.0	58.5	2	15.97
6021	Rumker 4760 . . .	7.0	14 28 55.06	62.4	2	+ 1.978	+ 53 30 54.4	62.4	2	— 15.97
6022	B. A. C. 4825 . . .	6.0*	28 55.10	47.5	6	2.457	+ 37 14 32.6	47.3	2	15.97
6023	Anonymous . . .	8.5	28 55.19	68.4	1	3.496	— 27 41 23.3	70.4	2	15.97
6024	O. Arg. S. 13757 . .	8.1	28 59.52	64.4	2	3.452	— 25 11 6.4	67.0	2	15.96
6025	Rumker 4761 . . .	9.0	29 26.14	59.4	2	+ 3.048	+ 1 40 4.0	58.4	2	15.94
6026	O. Arg. N. 14695 . .	7.5	14 29 27.84	68.3	2	— 0.279	+ 76 23 13.8	66.4	3	— 15.94
6027	Lacaille 6015 . . .	6.0	29 35.80	66.0	2	+ 3.711	— 38 10 57.8	68.4	2	15.93
6028	B. A. C. 4830 . . .	6.0*	29 45.96	60.4	2	2.104	+ 49 58 47.9	54.4	3	15.92
6029	Weisse XIV, 540 . .	7.8	29 50.89	59.9	3	3.119	— 3 16 47.5	59.7	6	15.92
6030	Lacaille 6020 . . .	6.5	29 53.60	64.3	3	3.635	— 34 39 54.4	69.1	3	15.92

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			h. m. s.			"	° ′ ″			"
6031	Lacaille 6027 . . .	6.5	14 30 49.85	66.7	3	+ 3.598	− 32 46 14.4	68.0	2	− 15.87
6032	3 Libræ	6.6	31 17.42	63.4	3	3.444	− 24 25 12.1	67.0	2	15.84
6033	B. A. C. 4838 . . .	7.3	31 32.02	62.5	2	3.474	− 26 6 55.6	62.5	2	15.83
6034	Lacaille 6035 . . .	7.5	31 48.64	63.4	4	3.482	− 26 31 30.5	64.4	2	15.81
6035	Lacaille 6040 . . .	7.7	32 10.62	63.2	3	3.523	− 28 41 41.5	66.4	2	15.79
6036	O. Arg. S. 13813 . .	7.2	14 32 17.57	64.2	5	+ 3.468	− 25 39 2.0	65.8	5	− 15.79
6037	O. Arg. S. 13814 . .	8.5	32 22.41	64.7	3	3.468	− 25 38 33.7	68.7	3	15.78
6038	Lacaille 6038 . . .	5.5	32 25.96	66.8	3	3.661	− 35 31 48.0	72.4	2	15.78
6039	Lacaille 6047 . . .	7.6	32 47.95	64.5	5	3.472	− 25 49 29.5	63.4	2	15.76
6040	B. A. C. 4841 . . .	6.0*	32 56.95	60.1	6	2.266	+ 44 14 50.8	53.3	3	15.75
6041	B. A. C. 4842 . . .	5.3	14 33 16.52	63.4	2	+ 3.701	− 37 11 23.5	65.9	2	− 15.74
6042	Weisse (2) XIV, 697 .	8.3	33 25.93	63.0	3	2.723	+ 22 47 11.5	64.9	2	15.73
6043	Lacaille 6051 . . .	6.8	33 28.87	66.1	3	3.534	− 29 5 43.1	69.3	5	15.72
6044	Anonymous . . .	7.5	33 33.71	66.4	7	3.595	− 32 12 42.7	66.4	2	15.72
6045	Weisse XIV, 606 . .	8.2	33 36.53	60.4	2	3.157	− 5 51 19.7	58.4	2	15.72
6046	Lacaille 6053 . . .	8.1	14 33 38.77	63.2	3	+ 3.528	− 28 45 12.3	68.4	2	− 15.72
6047	Weisse XIV, 608 . .	8.2	33 45.54	60.4	2	3.230	− 10 45 39.9	58.4	2	15.71
6048	Lacaille 6054 . . .	7.0	33 48.50	65.0	7	3.595	− 32 9 50.8	68.8	5	15.71
6049	π Bootis	3.5	34 8.83	47.4	2	2.817	+ 17 1 14.2	68.4	2	15.69
6050	Lacaille 6060 . . .	7.2	34 13.72	64.1	4	3.500	− 27 11 8.5	64.9	2	15.68
6051	ζ Bootis	4.8	14 34 27.96	45.4	1	+ 2.859	+ 14 19 49.1	68.5	2	− 15.67
6052	O. Arg. S. 13856 . .	7.1	34 50.52	61.8	3	3.442	− 23 53 26.8	59.9	4	15.65
6053	B. A. C. 4852 . . .	5.0	35 6.30	62.4	2	3.649	− 34 34 7.2	66.4	2	15.64
6054	4 Libræ	6.1	35 8.46	54.7	9	3.452	− 24 23 53.5	56.0	5	15.63
6055	Lacaille 6064 . . .	8.0	35 8.75	66.4	3	3.548	− 29 36 28.3	67.9	2	15.63
6056	Weisse (2) XIV, 752 .	7.0	14 35 23.36	68.3	2	+ 2.399	+ 38 44 40.6	46.4	1	− 15.62
6057	Lacaille 6067 . . .	8.0	35 26.02	62.4	2	3.545	− 29 23 48.4	68.0	2	15.62
6058	O. Arg. S. 13870 . .	8.2	35 26.59	61.8	3	3.443	− 23 51 38.4	59.9	4	15.62
6059	μ Virginis	4.5	35 41.17	62.8	6	3.146	− 5 2 51.3	61.0	4	15.60
6060	B. A. C. 4857 . . .	6.4	36 14.61	63.2	4	3.439	− 23 31 58.0	67.9	2	15.57
6061	B. A. C. 4858 . . .	5.8	14 36 24.59	63.4	2	+ 3.654	− 34 35 47.1	67.9	2	− 15.56
6062	Rumker 4800 . . .	7.0	36 28.66	62.4	2	1.959	+ 52 50 16.8	65.4	2	15.56
6063	Anonymous . . .	7.5	36 48.06	66.9	2	3.717	− 37 21 35.5	70.4	2	15.54
6064	Anonymous . . .	9.5	36 55.29	64.4	2	3.470	− 25 14 0.5	64.5	2	15.54
6065	Weisse (2) XIV, 788 .	7.0	36 59.73	68.4	2	2.426	+ 37 21 17.6	46.3	1	15.53
6066	Weisse XIV, 668 . .	8.0	14 37 0.81	61.4	6	+ 3.158	− 5 47 36.5	58.4	2	− 15.53
6067	34 Bootis	6.0	37 16.14	60.1	3	+ 2.638	+ 27 7 28.5	57.9	2	15.52
6068	Schwerd 853 . .	6.9	37 37.17	64.9	4	− 1.874	+ 80 15 49.9	66.5	2	15.50
6069	54 Hydræ, (1st *) . . .	6.0	37 54.22	64.4	8	+ 3.465	− 24 50 46.8	67.5	3	15.48
6070	54 Hydræ, (2d *) . . .	7.6	37 54.66	64.9	6	3.465	− 24 50 53.0	69.5	2	15.48

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			h. m. s.			″	° ′ ″			″
6071	5 Libræ	6.1	14 38 14.89	62.4	7	+ 3.298	− 14 52 1.9	69.5	2	− 15.46
6072	Anonymous . . .	9.1	38 18.57	68.4	2	2.636	+ 27 6 32.6	50.4	1	15.46
6073	Lacaille 6086 . . .	5.5	38 19.06	63.4	2	3.730	− 37 41 46.7	68.5	2	15.46
6074	108 Virginis	6.5*	38 22.47	61.1	8	3.053	+ 1 18 37.2	57.8	4	15.46
6075	Lamont 4482 . . .	8.0	38 27.24	65.9	2	3.069	+ 0 13 44.0	70.6	4	15.45
6076	*o* Bootis	4.5*	14 38 42.56	60.3	2	+ 2.802	+ 17 33 33.2	53.3	3	− 15.44
6077	*ε* Bootis, (1st *) . . .	. .	38 52.25	63.3	3	2.624	+ 27 39 59.3	70.5	1	15.43
6078	*ε* Bootis, (2d *) . . .	2.3*	38 52.39	54.1	217	2.624	+ 27 39 58.6	53.1	67	15.43
6079	55 Hydræ	6.1	39 14.49	62.9	2	3.472	− 25 2 4.8	62.5	2	15.41
6080	Lalande 26923 . . .	7.5	39 22.34	68.4	2	2.508	+ 33 22 1.5	47.4	1	15.40
6081	Lacaille 6099 . . .	6.8	14 39 30.13	66.4	2	+ 3.511	− 27 6 31.5	67.9	2	− 15.39
6082	56 Hydræ	5.5	39 34.92	63.4	6	3.490	− 25 29 53.3	64.4	2	15.39
6083	57 Hydræ	5.8	39 46.72	63.4	2	3.492	− 26 3 25.0	62.5	2	15.38
6084	Lacaille 6100 . . .	7.0	39 54.26	66.4	2	3.679	− 35 15 13.7	69.0	2	15.37
6085	Anonymous. . . .	8.2	40 9.63	68.4	2	3.721	− 37 2 44.6	67.8	3	15.35
6086	B. A. C. 4884 . . .	7.2	14 40 22.14	62.8	3	+ 3.472	− 24 54 21.5	67.0	2	− 15.34
6087	Weisse XIV, 748 . .	7.3	40 23.72	67.1	3	3.067	+ 0 18 43.7	65.5	2	15.34
6088	Anonymous . . .	7.2	40 24.20	68.4	2	2.412	+ 37 29 2.8	46.3	1	15.34
6089	O. Arg. S. 13951 . .	8.1	41 10.98	68.5	3	3.451	− 23 40 43.5	57.4	2	15.30
6090	B. A. C. 4888 . . .	6.0	41 13.78	64.6	7	3.451	− 23 39 58.1	60.0	4	15.29
6091	Weisse XIV, 759 . .	8.5	14 41 16.16	61.4	3	+ 3.171	− 6 31 14.5	58.4	2	− 15.29
6092	Lacaille 6109 . . .	7.0	41 20.60	68.9	2	3.609	− 31 50 26.0	67.4	2	15.29
6093	Anonymous . . .	9.0	41 22.34	64.4	1	3.720	− 36 48 36.8	67.9	2	15.29
6094	*μ* Libræ	4.5	41 38.87	62.2	8	3.281	− 13 33 49.0	59.7	4	15.27
6095	Lacaille 6113 . . .	7.0	41 40.01	66.4	2	3.542	− 28 27 0.7	66.9	2	15.27
6096	Lacaille 6112 . . .	7.0*	14 41 43.	. .	.	+ 3.605	− 31 35 24.6	68.4	1	− 15.29
6097	O. Arg. S. 13958 . .	7.8	41 50.63	68.5	2	3.452	− 23 38 8.3	57.8	3	15.26
6098	58 Hydræ	5.0	42 4.51	66.0	2	3.522	− 27 22 29.0	70.4	5	15.25
6099	Lalande 27023 . . .	7.2	42 31.06	68.4	2	2.386	+ 38 15 21.4	48.4	1	15.22
6100	O. Arg. S. 13978 . .	7.8	42 38.07	65.0	5	3.530	− 27 44 28.7	65.0	4	15.21
6101	Weisse XIV, 787 . .	8.5	14 42 38.75	65.4	2	+ 3.172	− 6 34 49.9	58.4	2	− 15.21
6102	8 Libræ	6.0	42 56.86	63.6	14	3.313	− 15 24 44.6	53.6	11	15.20
6103	Weisse XIV, 793 . .	7.5	43 0.45	66.4	2	3.249	− 11 26 9.6	61.1	3	15.19
6104	*α* Libræ	1.0	43 8.35	55.5	214	+ 3.314	− 15 27 26.8	52.4	57	15.19
6105	Lalande F., 2537 . .	8.0	43 17.70	64.4	2	− 2.086	+ 80 22 55.7	67.9	2	15.18
6106	Weisse (2) XIV, 936 .	8.0	14 43 24.45	69.4	2	+ 2.421	+ 36 39 16.7	46.4	1	− 15.17
6107	B. A. C. 4897 . . .	6.0	43 36.69	69.0	2	2.378	+ 38 23 22.3	47.4	4	15.16
6108	11 Libræ	5.5	43 45.64	62.9	2	3.098	− 1 42 47.8	60.0	2	15.15
6109	O. Arg. S. 13996 . .	7.2	43 43.48	68.4	2	3.457	− 23 42 30.7	65.4	3	15.15
6110	Anonymous. . . .	. .	43 49.08	46.2	1	3.286	− 13 43 11.1	46.2	1	15.15

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6111	B. A. C. 4902 . . .	6.0*	14 43 56.71	60.9	2	+ 2.582	+ 29 11 50.1	53.4	3	— 15.14
6112	B. A. C. 4901 . . .	4.8	44 4.75	66.4	2	3.739	— 37 13 28.4	68.0	2	15.13
6113	Anonymous. . . .	8.0	44 14.31	68.9	2	2.406	+ 37 10 30.7	48.2	1	.15.12
6114	B. A. C. 4906 . . .	6.0	44 57.88	68.9	2	2.387	+ 37 50 53.1	47.4	2	15.08
6115	Σ Cat. Gen. 1668 . . .	6.3	44 59.82	62.4	2	1.945	+ 51 57 19.7	65.5	2	15.08
6116	Anonymous . . .	9.0	14 45 17.	. .	.	+ 3.738	— 37 2 56.3	65.9	2	— 15.06
6117	Lacaille 6134 . . .	7.5	45 29.13	65.1	6	3.538	— 27 49 47.3	65.0	2	15.05
6118	B. A. C. 4910 . . .	7.6	45 48.20	62.5	2	3.455	— 23 23 56.4	66.0	2	15.03
6119	Rumker 4840 . . .	8.8	45 49.58	64.9	2	3.052	+ 1 18 31.7	55.5	3	15.03
6120	Lacaille 6135 . .	6.7	45 50.52	63.4	2	3.660	— 33 34 2.8	68.5	1	15.03
6121	B. A. C. 4911 . . .	6.4	14 46 3.54	65.2	9	+ 3.539	— 27 46 25.0	63.7	4	— 15.02
6122	B. A. C. 4912 . . .	5.3	46 5.40	63.8	6	3.642	— 32 43 36.7	66.5	2	15.01
6123	12 Libræ	6.0*	46 12.75	57.6	7	3.468	— 24 4 0.6	59.4	8	15.01
6124	O. Arg. S. 14042 . .	8.5	46 18.55	67.0	2	3.538	— 27 42 3.8	67.4	2	15.00
6125	Weisse XIV, 872 . .	8.5	46 35.98	61.4	2	3.070	+ 0 8 56.2	59.8	5	14.99
6126	Weisse XIV, 874 . .	8.0	14 46 39.10	61.4	2	+ 3.069	+ 0 10 14.8	59.8	5	— 14.98
6127	Lacaille 6135 . . .	6.0	46 50.30	71.4	1	3.659	— 33 24 3.7	67.5	1	14.98
6128	O. Arg. S. 14046 . .	8.2	46 57.10	68.4	2	3.565	— 28 57 39.3	66.4	2	14.97
6129	O. Arg. S. 14065 . .	8.5*	47 52.	. .	.	3.513	— 26 13 56.2	65.4	1	14.91
6130	Lacaille 6152 . . .	6.5	47.54.20	66.4	2	3.678	— 34 3 39.0	67.9	2	14.91
6131	Weisse XIV, 906 . .	8.3	14 48 25.06	68.4	2	+ 3.051	+ 1 18 7.5	55.5	2	— 14.88
6132	O. Arg. S. 14080 . .	6.0	48 44.92	64.7	3	3.504	— 25 42 57.3	68.0	2	14.86
6133	Anonymous . . .	8.0	48 45.58	64.4	2	3.515	— 26 13 59.2	69.5	3	14.86
6134	Lacaille 6157 . . .	6.4	48 48.02	63.4	4	3.639	— 32 15 55.7	68.4	2	14.86
6135	Lacaille 6162 . . .	6.2	48 52.92	66.5	2	3.562	— 28 35 21.1	66.9	2	14.85
6136	Lacaille 6164 . . .	7.0	14 49 8.69	63.4	4	+ 3.640	— 32 15 49.1	68.4	2	— 14.84
6137	ζ^2 Libræ	5.0	49 10.60	55.7	14	3.244	— 10 50 31.5	58.1	3	14.84
6138	B. A. C. 4923, (1st *) .	7.8	49 17.39	67.8	3	3.414	— 20 47 4.9	69.7	4	14.83
6139	B. A. C. 4923, (2d *) .	6.6	49 18.46	68.6	4	3.414	— 20 47 9.1	69.7	4	14.83
6140	14 Libræ	6.0	49 21.07	62.8	3	3.490	— 24 52 30.5	69.8	3	14.83
6141	O. Arg. S. 14094 . .	7.5	14 49 24.30	67.4	2	+ 3.428	— 21 34 59.7	68.5	2	— 14.82
6142	Anonymous . . .	7.6	50 14.90	68.4	2	2.352	+ 38 32 32.0	48.4	1	14.77
6143	59 Hydræ	5.5	50 22.55	54.8	7	3.535	— 27 5 33.2	54.7	4	14.76
6144	Lacaille 6178 . . .	6.8	50 24.24	65.9	2	3.762	— 37 19 0.5	68.5	2	14.76
6145	Groombridge 2168 . .	8.5	50 49.52	60.4	3	2.214	+ 43 25 31.7	56.7	3	14.74
6146	O. Arg. N. 14971 . .	8.3	14 50 51.19	68.4	2	+ 2.003	+ 49 42 3.1	70.7	4	— 14.74
6147	Groombridge 2169 . .	8.0	50 51.36	59.9	2	2.216	+ 43 21 31.7	56.9	2	14.74
6148	Anonymous . . .	8.2	51 1.13	62.8	3	+ 2.199	+ 43 52 50.3	68.9	2	14.73
6149	β Ursæ Minoris . . .	1.7	51 9.27	53.9	155	— 0.254	+ 74 43 38.9	54.6	113	14.72
6150	O. Arg. N. 14975 . .	8.6	51 16.24	68.4	2	+ 2.002	+ 49 38 56.9	69.1	5	14.71

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6151	Lalande 27298 . . .	9.0*	14 51 20.	. .	.	+ 1.810	+ 54 13 48.1	70.4	2	− 14.71
6152	B. A. C. 4937 . . .	5.0	51 44.44	62.4	2	1.979	+ 50 12 5.5	66.4	2	14.68
6153	Weisse (2) XIV, 1127 .	7.5	52 7.58	67.0	2	2.286	+ 40 43 32.6	70.1	3	14.66
6154	Weisse (2) XIV, 1130 .	8.8	52 8.40	65.4	1	2.286	+ 40 43 43.4	71.1	3	14.66
6155	Lacaille 6186 . . .	6.0	52 21.44	66.4	2	3.773	− 37 29 52.9	68.0	2	14.65
6156	Weisse (2) XIV, 1139 .	8.5	14 52 22.53	67.0	2	+ 2.285	+ 40 44 19.3	69.9	2	− 14.65
6157	Weisse (2) XIV, 1146 .	8.2	52 43.48	67.4	2	2.283	+ 40 47 4.3	70.1	3	14.62
6158	Weisse (2) XIV, 1154 .	8.6	52 57.87	64.3	7	2.188	+ 43 58 30.1	59.2	4	14.61
6159	O. Arg. N. 14996 . .	8.0*	53 0.	. .	.	1.489	+ 59 56 38.0	71.5	1	14.61
6160	Weisse (2) XIV, 1162 .	8.6	53 14.04	67.4	2	2.188	+ 43 56 44.1	70.0	2	14.59
6161	Lacaille 6190 . . .	5.8	14 53 19.44	63.4	3	+ 3.686	− 33 48 5.0	69.0	2	− 14.59
6162	Lalande 27336 . . .	8.5	53 19.69	68.4	2	2.360	+ 37 47 33.4	48.4	1	14.59
6163	Lalande 27340 . . .	9.0	53 27.01	68.4	2	2.360	+ 37 48 30.2	58.4	1	14.58
6164	Anonymous . . .	8.8	53 27.88	68.5	2	3.645	− 31 57 15.7	65.9	2	14.58
6165	δ Libræ	4.5*	53 29.76	63.1	3	3.200	− 7 57 38.0	69.0	2	14.58
6166	O. Arg. N. 15005 . .	8.5	14 53 44.55	66.4	4	+ 1.537	+ 59 5 21.0	61.7	3	− 14.56
6167	60 Hydræ	6.0*	53 46.25	62.7	3	3.551	− 27 30 10.7	57.6	5	14.56
6168	Anonymous . . .	9.3	53 53.16	66.4	3	2.186	+ 43 55	. .	.	14.55
6169	Anonymous . . .	. .	53 58.28	66.0	2	1.535	+ 59 5 48.7	63.4	2	14.55
6170	Weisse (2) XIV, 1183 .	8.7	54 1.72	66.7	3	2.186	+ 43 53 49.6	63.2	4	14.55
6171	B. A. C. 4941 . . .	6.0	14 54 3.59	59.0	2	+ 3.107	− 2 11 51.6	70.5	2	− 14.55
6172	Lacaille 6198 . . .	5.4	54 25.72	63.9	2	3.650	− 32 5 17.9	65.3	2	14.52
6173	2 Serpentis	5.6	54 38.91	62.1	6	3.065	+ 0 24 57.8	60.7	3	14.51
6174	Weisse XIV, 1016 . .	8.5	54 42.44	59.4	2	3.255	− 11 11 12.1	56.7	3	14.51
6175	Lacaille 6199 . . .	7.0	54 49.86	63.5	2	3.728	− 35 23 24.5	68.4	2	14.50
6176	Lacaille 6204, (1st *) .	8.5	14 55 14.73	62.8	3	+ 3.549	− 27 17 6.0	67.5	3	− 14.47
6177	Lacaille 6204, (2d *) .	. .	55 15.13	62.8	3	3.549	− 27 16 59.9	68.0	2	14.47
6178	Anonymous . . .	9.2	55 40.52	67.4	2	2.901	+ 10 28	. .	.	14.45
6179	Anonymous . . .	7.0	55 41.78	68.4	2	3.555	− 27 30 35.8	68.0	2	14.44
6180	20 Libræ	3.6	55 53.01	61.1	20	3.500	− 24 43 44.6	64.4	2	14.43
6181	ω Bootis	5.5	14 55 58.52	60.4	2	+ 2.628	+ 25 33 48.0	54.4	3	− 14.43
6182	Anonymous . . .	7.8	56 6.75	68.4	2	3.776	− 37 8 17.9	65.8	2	14.42
6183	Anonymous . . .	. .	56 7.17	65.5	1	2.898	+ 10 28	. .	.	14.42
6184	Lacaille 6215 . . .	7.0	56 11.88	63.0	2	3.561	− 27 44 52.1	62.5	2	14.41
6185	Weisse XIV, 1048 . .	7.0	56 18.58	68.5	2	3.244	− 10 27 4.8	65.4	2	14.41
6186	β Bootis	3.0*	14 56 40.34	64.5	8	+ 2.264	+ 40 56 39.8	59.1	5	− 14.39
6187	Lacaille 6218 . . .	6.6	56 52.29	66.0	2	3.598	− 29 26 27.5	71.4	2	14.37
6188	Lacaille 6219 . . .	5.8	57 5.78	63.3	2	3.611	− 30 0 23.0	68.0	2	14.36
6189	Anonymous . . .	8.2	57 6.50	67.0	2	3.533	− 26 18 6.3	68.1	3	14.36
6190	Σ Cat. Gen. 1683, (1st *) .	7.5	57 9.49	66.4	2	2.973	+ 6 2 49.1	65.0	2	14.36

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6191	Σ Cat. Gen. 1683, (2d *) .	7.3	14 57 9.69	66.4	2	+ 2.973	+ 6 2 38.4	65.0	2	− 14.36
6192	Anonymous . . .	9.5	57 11.45	65.4	2	2.900	+ 10 27 51.2	72.5	2	14.35
6193	Weisse XIV, 1072. .	9.0	57 18.06	64.9	2	3.268	− 11 50 46.2	57.4	2	14.35
6194	Lacaille 6221 . . .	6.8	57 27.02	63.5	2	+ 3.744	− 35 43 4.8	69.4	2	14.34
6195	Groombridge 2210. .	7.5	57 28.68	65.7	2	−12.326	+ 86 31 31.0	71.4	2	14.34
6196	O. Arg. S. 14230 . .	6.7	14 57 33.88	64.4	2	+ 3.513	− 25 14 30.8	69.9	2	− 14.33
6197	Anonymous	7.1	57 58.50	64.4	2	3.448	− 21 51 28.5	69.5	2	14.31
6198	B. A. C. 4963 . . .	6.2	58 1.24	65.9	2	3.481	− 23 34 54.9	62.5	3	14.30
6199	B. A. C. 4965 . . .	6.5	58 9.82	59.9	2	2.128	+ 45 11 35.8	63.5	2	14.29
6200	Anonymous . . .	7.6	58 13.23	68.9	2	3.656	− 31 54 20.5	65.0	4	14.29
6201	O. Arg. S. 14246 . .	6.2	14 58 21.92	65.4	3	+ 3.441	− 21 29 3.8	71.9	2	− 14.28
6202	ψ Bootis	5.2	58 26.77	62.5	21	2.583	+ 27 29 44.0	57.9	2	14.28
6203	Weisse XIV, 1091 . .	8.8	58 29.90	71.4	2	3.249	− 10 39 4.5	71.4	2	14.27
6204	Anonymous . . .	7.0	58 34.00	70.8	3	3.536	− 26 16 47.1	68.1	3	14.27
6205	Lacaille 6229 . . .	7.2	58 37.74	63.4	2	3.668	− 32 21 55.7	68.0	2	14.27
6206	*v* Libræ	5.2	14 58 49.36	62.7	4	+ 3.337	− 15 42 40.2	71.2	4	− 14.25
6207	O. Arg. S. 14257 . .	8.0	58 49.89	68.9	2	3.592	− 28 57 34.4	64.4	1	14.26
6208	B. A. C. 4972 . . .	6.7	59 6.70	66.4	2	3.484	− 23 39 1.2	62.5	3	14.24
6209	*i* Bootis, (1st *) . . .	7.0	59 10.21	62.4	2	2.018	+ 48 11 59.6	70.5	3	14.23
6210	*i* Bootis, (2d *) . . .	7.0	59 10.55	62.4	2	2.018	+ 48 12 2.2	70.5	2	14.23
6211	Weisse XIV, 1110. .	8.5	14 59 17.64	64.4	2	+ 3.101	− 1 47 26.7	69.4	1	− 14.23
6212	Weisse XIV, 1118. .	8.5	59 45.50	59.9	2	3.101	− 1 45 18.1	60.4	3	14.20
6213	Lacaille 6237 . . .	7.2	59 48.74	65.9	2	3.785	− 37 2 51.7	65.8	2	14.19
6214	Weisse XIV, 1121. .	8.0	14 59 54.34	59.9	2	+ 3.101	− 1 44 19.2	60.4	3	14.19
6215	B. A. C. 4982 . . .	6.6	15 0 4.29	68.9	2	− 4.724	+ 83 5 0.0	64.7	7	14.18
6216	O. Arg. S. 14277 . .	8.4	15 0 5.60	66.8	3	+ 3.537	− 26 10 25.0	70.5	2	− 14.18
6217	Lacaille 6239 . . .	6.8	0 5.90	68.5	2	3.811	− 37 59 35.3	67.4	2	14.17
6218	Weisse XIV, 1129. .	8.0	0 15.29	61.4	3	3.063	+ 0 34 15.2	67.5	2	14.17
6219	O. Arg. S. 14279 . .	9.0	0 17.31	64.4	2	3.446	− 21 33 21.2	69.1	3	14.16
6220	O. Arg. S. 14278 . .	7.7	0 17.55	68.9	2	3.593	− 28 49 27.9	64.4	2	14.16
6221	Weisse XIV, 1131. .	9.0	15 0 19.60	61.4	2	+ 3.064	+ 0 27 22.5	61.4	2	− 14.16
6222	O. Arg. S. 14289 . .	7.0	0 40.70	67.4	4	3.534	− 25 57 26.2	69.6	4	14.14
6223	Weisse XIV, 1142. .	8.2	0 50.90	60.9	4	3.064	+ 0 29 2.7	58.2	5	14.13
6224	Anonymous . . .	9.0	0 52.78	68.9	2	3.664	− 31 57 7.3	66.0	2	14.13
6225	O. Arg. S. 14294 . .	9.0	1 0.	. . .		3.440	− 21 42 2.7	72.0	2	14.12
6226	Weisse XIV, 1144. .	9.0	15 1 2.52	67.4	2	+ 3.260	− 11 11 11.4	71.5	2	− 14.12
6227	O. Arg. S. 14297 . .	8.2	1 2.90	67.8	3	3.440	− 21 40 37.2	72.1	3	14.12
6228	Weisse (2) XIV, 1326.	7.0*	1 6.05	47.5	1	2.356	+ 36 59 46.5	46.4	2	14.11
6229	Anonymous . . .	8.5	1 7.40	63.5	1	3.709	− 33 50 39.9	67.5	1	14.11
6230	*e* Bootis	5.5	1 9.36	71.4	2	2.621	+ 25 24 57.7	71.5	4	14.11

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6231	Weisse XIV, 1149 . .	7.8	15 1 18.28	65.4	2	+ 3.261	− 11 15 4.2	67.5	2	− 14.10
6232	Weisse XIV, 1150 . .	7.0	1 19.54	61.4	4	3.300	− 13 27 41.6	59.4	3	14.10
6233	Anonymous . . .	7.5	1 21.22	70.1	3	3.787	− 36 56 14.0	69.4	2	14.10
6234	B. A. C. 4984 . . .	5.5	1 41.64	65.5	2	3.485	− 23 29 53.3	69.0	2	14.08
6235	Weisse XV, 2 . . .	8.3	1 55.51	59.8	4	3.106	− 2 2 19.2	59.4	4	14.06
6236	Weisse XV, 3 . . .	8.2	15 2 1.00	65.4	2	+ 3.258	− 11 2 16.6	65.4	2	− 14.06
6237	B. A. C. 4985 . . .	6.0	2 2.21	63.5	4	3.533	− 25 47 47.1	64.9	2	14.05
6238	Weisse XV, 10 . . .	7.0	2 13.60	67.4	2	3.153	− 4 51 19.9	67.9	2	14.04
6239	*b* Bootis	5.5	2 21.18	66.4	2	2.589	+ 26 50 12.6	58.4	2	14.04
6240	B. A. C. 4993 . . .	6.0*	2 29.58	60.3	3	2.613	+ 25 38 46.6	53.8	8	14.02
6241	Anonymous	. .	15 2 34.27	69.4	1	+ 3.792	− 36 58 13.4	65.8	2	− 14.02
6242	Lacaille 6258 . . .	6.5	3 5.09	63.7	3	3.697	− 33 6 19.4	67.5	2	13.99
6243	Lacaille 6261 . . .	7.0	3 51.80	63.5	2	3.796	− 36 59 30.4	66.7	3	13.94
6244	O. Arg. N. 15139 . .	8.0	3 59.34	65.4	2	2.040	+ 47 0 50 4	67.9	2	13.93
6245	Anonymous . . .	9.5	4 3.86	69.5	1	3.522	− 25 5 22.9	68.5	1	13.93
6246	ℓ^1 Libræ	5.5*	15 4 14.81	61.3	28	+ 3.408	− 19 15 33.1	59.8	8	− 13.92
6247	Dorpat 1914, (1st *) .	9.3	4 21.44	67.4	2	3.155	− 4 56 32.2	70.0	2	13.91
6248	Dorpat 1914, (2d *) .	8.3	4 22.25	65.4	4	3.155	− 4 57 2.6	69.8	3	13.91
6249	O. Arg. S. 14349 . .	7.9	4 28.89	67.6	7	3.525	− 25 9 16.1	69.0	2	13.90
6250	Anonymous . . .	7.8	4 46.49	70.0	5	3.800	− 37 0 59.5	68.4	3	13.88
6251	B. A. C. 5001 . . .	6.5	15 5 0.64	68.4	2	+ 2.520	+ 29 45 44.3	66.0	2	− 13.87
6252	B. A. C. 4998 . . .	6.5	5 6.86	62.9	2	3.492	− 23 28 42.9	62.5	2	13.86
6253	Lacaille 6267 . . .	6.5	5 11.27	68.4	2	3.826	− 37 57 50.2	65.0	2	13.85
6254	23 Libræ	7.4	5 18.18	62.5	2	3.518	− 24 46 42.5	68.4	2	13.85
6255	ℓ^2 Libræ	5.0	5 21.03	61.4	3	3.407	− 19 7 2.0	67.5	2	13.85
6256	B. A. C. 5006 . . .	6.0	15 5 36.14	63.8	5	+ 3.537	− 25 39 57.2	68.0	2	− 13.83
6257	Anonymous . . .	8.0	5 39.35	64.4	2	3.534	− 25 31 27.6	70.4	2	13.83
6258	1 Lupi	5.2	6 3.18	56.1	7	3.655	− 30 59 36.8	54.7	4	13.80
6259	Weisse XV, 79 . . .	7.5	6 3.33	60.1	4	3.305	− 13 29 47.2	59.4	3	13.80
6260	Weisse (2) XV, 140 .	8.5	6 32.87	62.1	3	2.065	+ 46 0 37.0	58.8	3	13.77
6261	Weisse XV, 91 . . .	7.2	15 6 34.19	59.7	3	+ 3.309	− 13 40 59.2	55.5	2	− 13.77
6262	26 Libræ	6.0	6 40.16	45.4	1	3.374	− 17 14 34.8	70.0	2	13.76
6263	Weisse XV, 99 . . .	7.0	6 49.00	71.4	2	3.086	− 0 48 27.4	71.4	2	13.75
6264	B. A. C. 5018 . . .	7.0	6 52.32	63.5	2	3.575	− 27 19 59.2	67.5	2	13.75
6265	B. A. C. 5020 . . .	6.5	7 17.65	64.0	2	3.570	− 27 4 27.9	66.5	2	13.72
6266	Lacaille 6289 . . .	7.5	15 7 28.28	65.5	2	+ 3.863	− 39 2 22.2	69.5	2	− 13.71
6267	O. Arg S. 14402 . .	9.0	7 43.80	67.4	2	3.436	− 20 24 58.8	69.5	2	13.70
6268	Lacaille 6293 . . .	7.4	8 0.44	63.5	2	3.834	− 37 55 36.2	69.2	3	13.68
6269	Lalande 27803 . . .	7.8	8 2.64	68.5	2	2.377	+ 35 24 23.7	49.3	1	13.68
6270	3 Serpentis	6.0*	8 13.88	62.4	2	2.978	+ 5 27 40.3	60.8	3	13.66

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
6271	Anonymous . . .	. .	15 8 14.	. .	.	+ 3.809	− 36 58 43.9	65.9	2	− 13 66
6272	B. A. C. 5026 . . .	6.5	8 15.71	68.5	1	2.285	+ 38 47 28.3	47.7	3	13.66
6273	B. A. C. 5027 . . .	7.1	8 36.42	65.9	2	3.498	− 23 29 24.3	62.5	2	13.64
6274	2 Lupi	5.0	9 19.18	63.1	3	3.631	− 29 37 51.7	64.3	2	13.59
6275	O. Arg. S. 14421 . .	9.0	9 24.48	69.4	2	3.639	− 29 57 34.4	69.8	3	13.59
6276	β Libræ	2.0*	15 9 28.65	55.4	217	+ 3.225	− 8 51 49.4	49.6	74	− 13.58
6277	O. Arg. S. 14428 . .	6.7	9 48.34	65.5	2	3.434	− 20 12 14.0	67.9	2	13.56
6278	δ Bootis	5.0	9 51.52	69.4	2	2.412	+ 33 50 20.5	64.6	5	13.56
6279	O. Arg. S. 14435 . .	9.3	10 14.21	68.9	2	3.649	− 30 18 32.8	64.4	1	13.53
6280	O. Arg. S. 14436 . .	8.0	10 17.02	65.1	3	3.438	− 20 20 41.3	68.0	2	13.53
6281	Anonymous . . .	8.7	15 10 28.73	68.4	2	+ 3.818	− 37 3 37.3	66.7	3	− 13.52
6282	Lalande 27852 . . .	7.5	10 39.77	59.5	2	3.443	− 20 35 21.2	57.4	3	13.49
6283	B. A. C. 5039 . . .	7.0	10 56.98	64.0	2	3.507	− 23 45 2.1	63.1	3	13.49
6284	Weisse (2) XV, 237 .	6.2	11 0.87	68.5	2	2.310	+ 37 35 9.0	47.3	2	13.48
6285	Lacaille 6318 . . .	7.2	11 25.72	66.4	2	3.751	− 34 24 45.5	69.1	3	13.46
6286	B. A. C. 5041 . . .	7.3	15 11 27.64	64.0	2	+ 3.508	− 23 45 22.6	63.1	3	− 13.45
6287	Lalande 27880 . . .	7.5	11 28.35	68.9	2	3.407	− 18 39 19.2	57.4	3	13.45
6288	O. Arg. S. 14459 . .	8.5	11 45.78	66.9	2	3.440	− 20 21 22.8	68.0	2	13.43
6289	Anonymous . . .	9.5	11 58.88	67.4	2	3.524	− 24 27 56.4	67.9	2	13.42
6290	B. A. C. 5048 . . .	6.0*	12 7.84	60.3	2	2.689	+ 21 5 11.9	53.3	3	13.41
6291	O. Arg. N. 15259 . .	7.5*	15 12 9.04	61.4	2	+ 0.686	+ 67 22 36.6	67.5	1	− 13.41
6292	5 Serpentis	5.5*	12 10.13	60.9	2	3.032	+ 2 17 52.6	56.9	4	13.41
6293	Anonymous. . . .	. .	12	. .	.	0.688	+ 67 21 43.9	69.5	1	13.40
6294	Lalande 27907 . . .	9.0	12 18.48	66.9	2	3.469	− 21 44 54.3	68.4	2	13.40
6295	Anonymous . . .	8.8	12 19.72	70.1	3	3.824	− 37 5 45.7	68.4	1	13.40
6296	B. A. C. 5051 . . .	7.5	15 12 23.16	63.2	3	+ 3.546	− 25 28 28.7	65.9	2	− 13.39
6297	Lacaille 6329 . . .	6.8	12 29.46	63.8	3	3.842	− 37 42 31.3	64.9	2	13.39
6298	Weisse XV, 210 . .	9.0	12 37.10	62.2	4	3.310	− 13 27 26.3	62.5	1	13.38
6299	Anonymous . . .	8.0	12 53.89	68.4	3	3.824	− 37 2 23.9	66.7	3	13.36
6300	28 Libræ	6.0	12 57.66	63.4	2	3.389	− 17 38 51.8	61.6	5	13.36
6301	Lacaille 6337 . . .	6.8	15 13 12.61	69.8	6	+ 3.828	− 37 7 39.8	66.8	3	− 13.32
6302	Weisse XV, 221 . .	9.0	13 19.83	61.5	4	3.308	− 13 18 39.2	57.7	4	13.33
6303	Lacaille 6342 . . .	6.5	13 30.26	63.9	2	3.689	− 31 40 57.7	66.9	2	13.33
6304	Lacaille 6343 . . .	7.7	13 37.12	71.5	3	3.752	− 34 12 7.2	69.7	3	13.32
6305	Lacaille 6344 . . .	7.2	13 42.75	65.4	3	3.738	− 33 39 6.4	69.0	2	13.31
6306	O. Arg. N. 15272 . .	7.3	15 13 52.65	62.4	2	+ 2.052	+ 45 31 38.0	69.5	2	− 13.30
6307	O. Arg. S. 14487 . .	8.5	13 57.62	68.5	2	3.647	− 29 52 25.5	67.4	2	13.29
6308	Lalande 27996 . . .	7.4	13 59.69	68.5	2	2.281	+ 38 17 47.8	48.5	1	13.29
6309	ω^2 Lupi	5.0	14 13.17	61.7	3	3.810	− 36 21 12.8	54.5	2	13.27
6310	Lacaille 6351 . . .	7.5	14 15.30	62.5	2	3.624	− 28 50 10.4	69.7	4	13.27

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			h. m. s.			"	° ′ ″			"
6311	*o* Coronæ Borealis . .	6.0*	15 14 22.02	59.5	2	+ 2.490	+ 30 7 33.5	53.4	3	— 13.27
6312	B. A. C. 5062 . . .	7.0	14 35.64	62.5	2	3.566	— 26 11 4.5	63.0	2	13.25
6313	Anonymous . . .	7.2	14 38.54	69.4	2	3.695	— 31 48 34.7	67.4	2	13.25
6314	Lacaille 6354 . . .	7.5	14 45.93	66.4	2	3.756	— 34 14 17.0	69.1	3	13.24
6315	Weisse XV, 249 . .	8.5	14 49.52	60.9	2	3.329	— 14 22 26.8	56.8	3	13.23
6316	Weisse XV, 254 . .	8.8	15 15 6.06	62.5	5	+ 3.306	— 13 5 26.5	67.2	3	— 13.22
6317	B. A. C. 5064 . . .	6.0	15 6.10	65.4	2	1.842	+ 50 43 20.1	69.0	2	13.22
6318	Anonymous . . .	8.0	15 7.06	69.4	2	3.310	— 13 17 47.6	56.8	4	13.22
6319	O. Arg. S. 14508 . .	8.8	15 13.60	66.0	2	3.579	— 26 45 14.1	69.5	2	13.21
6320	o^2 Libræ	5.5	15 13.64	60.5	3	3.335	— 14 37 53.8	70.0	2	13.21
6321	Anonymous . . .	8.2	15 15 14.07	68.4	3	+ 3.832	— 37 3 53.0	66.7	3	— 13.20
6322	O. Arg. S. 14511 . .	9.0	15 19.37	69.4	2	3.573	— 26 27 31.0	67.5	2	13.20
6323	Anonymous . . .	. .	15 26.	. .	.	2.177	+ 41 38 31.7	71.5	1	13.19
6324	B. A. C. 5066 . . .	7.0	15 38.99	62.4	6	3.581	— 26 48 8.2	69.5	2	13.18
6325	Rumker 5048 . . .	9.5	15 41.25	47.5	1	2.172	+ 41 45 7.2	71.5	2	13.18
6326	Weisse XV, 265 . .	8.0	15 15 43.62	59.9	2	+ 3.320	— 13 50 45.9	72.4	2	— 13.18
6327	Anonymous . . .	7.8	15 56.72	68.4	2	3.832	— 37 0 3.3	68.4	1	13.16
6328	O. Arg. S. 14513 . .	8.5	16 1.87	64.7	3	3.484	— 22 13 20.3	68.5	2	13.16
6329	Lacaille 6359 . . .	7.4	16 4.63	63.5	2	3.851	— 37 40 7.6	68.4	2	13.15
6330	Anonymous . . .	. .	16 11.	. .	.	3.833	— 37 0 2.2	71.0	2	13.14
6331	50 Bootis	5.5	15 16 12.39	59.4	2	+ 2.405	+ 33 26 10.5	53.4	3	— 13.14
6332	Weisse XV, 281 . .	8.0	16 18.82	59.9	2	3.320	— 13 48 30.2	55.8	3	13.14
6333	ε Libræ	5.0	16 36.85	54.9	4	3.247	— 9 48 59.7	60.2	4	13.12
6334	O. Arg. S. 14531 . .	7.6	16 50.06	64.5	2	3.472	— 21 32 41.3	70.5	2	13.10
6335	Anonymous. . . .	8.5	16 55.31	63.3	1	3.835	— 36 59 9.5	67.4	3	13.09
6336	Anonymous . . .	8.1	15 16 56.22	66.4	6	+ 1.580	+ 55 49 42.2	63.4	1	— 13.10
6337	Lacaille 6368 . . .	7.6	16 57.24	64.9	2	3.904	— 39 23 30.1	70.5	2	13.09
6338	Lacaille 6372 . . .	6.5	17 7.93	65.4	1	+ 3.808	— 35 58 34.0	69.0	2	13.08
6339	11 Ursæ Minoris . .	5.5	17 14.03	66.2	2	— 0.111	+ 72 19 54.1	63.7	4	13.08
6340	O. Arg. S. 14533 . .	7.5	17 14.38	64.5	2	+ 3.602	— 27 35 52.4	68.4	2	13.08
6341	Anonymous . . .	7.0	15 17 20.84	70.8	3	+ 3.813	— 36 6 1.1	67.9	2	— 13.07
6342	O. Arg. S. 14544 . .	7.0	17 59.70	63.5	3	3.460	— 20 53 8.8	69.0	2	13.03
6343	Lacaille 6376 . . .	5.8	18 20.75	67.4	2	3.819	— 36 16 23.7	68.0	2	13.00
6344	O. Arg. S. 14548 . .	7.0	18 22.83	67.0	2	3.602	— 27 28 44.7	69.4	2	13.00
6345	Anonymous. . . .	. .	18 24.79	50.5	2	0.901	+ 64 52 8.1	50.5	2	13.00
6346	O. Arg. S. 14554 . .	7.7	15 18 35.35	64.5	5	+ 3.484	— 22 0 37.8	70.0	2	— 12.99
6347	Anonymous . . .	8.4	18 56.66	68.5	2	2.254	+ 38 42 53.0	48.5	1	12.96
6348	Rumker 5072 . . .	7.2	19 4.12	61.5	3	2.255	+ 38 41 19.5	55.4	3	12.95
6349	Anonymous. . . .	9.5	19 11.03	69.0	2	3.711	— 32 1 31.5	63.4	1	12.94
6350	μ^1 Bootis	4.5	19 12.07	66.1	17	2.278	+ 37 52 11.4	51.5	9	12.95

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			h. m. s.			"	° ′ ″			"
6351	Weisse (2) XV, 414 .	6.0	15 19 13.39	63.4	4	+ 2.279	+ 37 50 24.6	54.1	6	— 12.94
6352	τ^1 Serpentis	5.5*	19 17.91	54.3	5	2.781	+ 15 55 20.9	54.5	2	12.94
6353	Lacaille 6382 . . .	7.0	19 20.05	68.4	2	3.846	— 37 8 17.2	65.8	2	12.93
6354	Weisse (2) XV, 435 .	9.0*	20 3.	. .	.	2.280	+ 37 42 20.7	48.5	2	12.89
6355	Lacaille 6388 . . .	6.8	20 13.68	67.4	3	3.877	— 38 8 38.3	66.8	3	12.87
6356	B. A. C. 5091 . . .	6.0	15 20 18.77	60.7	6	+ 0.984	+ 63 50 31.8	54.4	3	— 12.87
6357	ζ^1 Libræ	5.3	20 21.95	62.3	16	3.371	— 16 13 30.0	69.5	4	12.87
6358	B. A. C. 5090 . . .	6.5	20 29.08	63.2	4	3.626	— 28 22 34.5	66.5	2	12.86
6359	B. A. C. 5092 . . .	7.0	20 35.71	59.8	3	+ 1.949	+ 47 33 20.1	53.4	3	12.85
6360	γ^2 Ursæ Minoris . . .	3.0*	20 58.75	67.7	4	— 0.156	+ 72 19 55.1	63.7	17	12.83
6361	Rumker 5093 . . .	7.0	15 21 11.72	62.4	2	+ 2.051	+ 44 47 37.8	69.5	2	— 12.81
6362	O. Arg. N. 15370 . .	8.0*	21 20.57	64.0	5	1.797	+ 51 5 11.6	63.4	2	12.80
6363	10 Serpentis	5.5	21 34.01	62.4	2	3.030	+ 2 19 50.4	61.8	5	12.79
6364	Anonymous . . .	7.5	21 34.57	68.4	3	3.854	— 37 12 14.6	65.8	2	12.79
6365	Radcliffe 3387 . . .	7.3	21 36.81	65.9	2	2.060	+ 44 29 47.8	68.0	2	12.79
6366	Anonymous . . .	8.5	15 21 44.59	70.2	4	+ 3.712	— 31 49 0.7	67.4	2	— 12.77
6367	ι Draconis	4.5	21 49.19	65.4	2	1.325	+ 59 27 25.2	61.3	4	12.77
6368	Anonymous . . .	7.8	21 51.48	69.4	2	3.745	— 33 5 44.6	64.0	2	12.77
6369	Weisse XV, 400 . .	8.2	22 8.52	59.8	3	3.336	— 14 19 44.1	55.8	3	12.75
6370	Lacaille 6405 . . .	6.0	22 29.62	63.9	2	3.748	— 33 10 12.1	66.5	2	12.72
6371	Lalande 28213 . . .	7.2	15 22 34.82	68.5	2	+ 3.477	— 21 23 45.3	63.0	4	— 12.72
6372	ζ^2 Libræ	6.0	22 46.95	45.5	1	3.371	— 16 7 35.2	68.5	2	12.70
6373	Anonymous . . .	7.6	22 53.67	64.8	3	3.515	— 23 10 19.3	69.0	2	12.70
6374	Lacaille 6406 . . .	7.5	23 1.55	68.5	2	3.723	— 32 8 37.4	68.5	3	12.69
6375	Lacaille 6409 . . .	6.3	23 5.82	64.2	4	3.729	— 32 23 56.9	68.0	2	12.68
6376	Weisse (2) XV, 518 .	5.8	15 23 19.08	47.5	1	+ 2.226	+ 39 12 32.7	70.0	2	— 12.67
6377	Lacaille 6410 . . .	7.7	23 26.37	66.4	2	+ 3.870	— 37 35 22.2	67.4	1	12.66
6378	B. A. C. 5140 . . .	6.0*	23 59.72	62.0	8	−23.539	+ 87 45 47.3	62.1	2	12.62
6379	B. A. C. 5105 . . .	7.1	24 0.18	64.0	4	+ 3.522	— 23 24 1.5	64.0	2	12.62
6380	O. Arg. S. 14624 . .	8.5	24 1.45	56.0	5	3.481	— 21 29 10.4	56.3	6	12.62
6381	B. A. C. 5109 . . .	6.5*	15 24 34.50	64.5	2	+ 3.434	— 19 11 25.3	57.4	3	— 12.58
6382	Weisse XV, 444 . .	8.2	24 43.10	64.9	4	3.239	— 9 6 25.3	65.5	3	12.57
6383	Anonymous . . .	7.1	24 43.47	68.4	3	3.862	— 37 9 45.3	65.8	2	12.57
6384	B. A. C. 5110 . . .	7.3	24 46.94	62.5	2	3.565	— 25 19 19.9	61.0	4	12.57
6385	Anonymous . . .	8.5	24 47.	. .	.	3.741	— 32 42 48.1	69.1	3	12.56
6386	Lacaille 6475 . . .	5.8	15 24 48.32	64.9	2	+ 3.934	— 39 35 25.2	68.5	2	— 12.57
6387	B. A. C. 5111, (1st *) .	7.0	24 52.23	63.1	3	3.536	— 24 0 38.7	69.5	2	12.56
6388	B. A. C. 5111, (2d *) .	6.8	24 52.82	63.1	3	3.536	— 24 0 43.5	69.5	2	12.56
6389	γ^1 Libræ	5.5	25 0.92	69.4	2	3.378	— 16 22 31.1	69.5	2	12.55
6390	Radcliffe 3398 . . .	7.0	25 20.11	66.2	2	1.543	+ 55 40 33.6	70.5	2	12.53

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			h. m. s.			″	° ′ ″			″
6391	Lacaille 6421 . . .	6.8	15 25 24.04	63.7	3	+ 3.742	− 32 41 42.4	71.5	2	− 12.52
6392	Weisse (2) XIV, 571 .	7.5	25 31.42	68.5	2	2.236	+ 38 39 27.2	48.4	1	12.52
6393	B. A. C. 5117 . . .	6.6	25 36.25	64.3	7	3.553	− 24 43 . .	.	.	12.51
6394	O. Arg. S. 14648 . .	7.0	25 36.43	71.4	2	3.551	− 24 38 4.9	70.4	5	12.51
6395	11 Serpentis	6.0	25 45.53	45.4	2	3.085	− 0 42 31.4	70.5	2	12.50
6396	ν^1 Bootis	5.5	15 25 54.00	64.4	2	+ 2.153	+ 41 18 42.9	70.0	2	− 12.49
6397	Lalande 28347 . . .	6.8	26 2.83	69.4	2	2.281	+ 37 5 44.7	47.4	1	12.48
6398	36 Libræ	6.0	26 8.52	62.5	2	3.619	− 27 34 19.4	66.9	2	12.47
6399	Lalande 28320 . . .	8.0*	26 15.63	47.3	2	3.309	− 12 45 19.0	47.3	2	12.47
6400	Anonymous . . .	8.9	26 31.23	68.5	2	3.726	− 31 56 34.3	63.4	1	12.45
6401	37 Libræ	4.0	15 26 31.49	47.8	4	+ 3.249	− 9 34 54.5	60.3	4	− 12.45
6402	ν^2 Bootis	5.5*	26 46.36	59.5	2	2.148	+ 41 22 33.3	53.5	3	12.43
6403	O. Arg. S. 14665 . .	7.3	26 47.53	70.7	3	3.553	− 24 37 57.7	69.9	5	12.43
6404	B. A. C. 5127 . . .	7.0	26 48.66	62.8	2	3.644	− 28 34 39.2	66.5	2	12.43
6405	B. A. C. 5128 . . .	7.0	26 54.98	62.5	2	3.567	− 25 15 42.3	60.5	2	12.42
6406	O. Arg. S. 14669 . .	8.9	15 27 14.45	71.2	3	+ 3.624	− 27 44 2.2	68.0	2	− 12.40
6407	O. Arg. S. 14674 . .	8.2	27 18.27	68.5	1	3.555	− 24 40 43.1	67.5	2	12.39
6408	Lacaille 6439 . . .	5.8	27 24.84	62.9	4	3.745	− 32 37 20.6	68.5	2	12.39
6409	B. A. C. 5133 . . .	6.0	27 40.63	65.9	2	3.644	− 28 31 44.7	66.5	2	12.37
6410	γ Libræ	4.3	27 41.94	59.8	20	3.341	− 14 19 12.1	62.4	4	12.37
6411	Anonymous . . .	8.8	15 27 45.32	69.5	1	+ 3.535	− 23 43 46.3	66.5	2	− 12.36
6412	Lalande 28391, (1st *).	8.5	27 56.03	66.4	2	2.531	+ 27 10 54.6	71.4	1	12.35
6413	Lalande 28391, (2d *).	8.0	27 56.51	66.4	2	2.531	+ 27 10 54.6	71.4	1	12.35
6414	Anonymous . . .	7.8	27 58.46	68.9	2	3.735	+ 32 10 5.1	65.5	2	12.35
6415	Anonymous . . .	8.4	28 0.72	68.9	2	3.733	− 32 6 46.1	65.5	2	12.35
6416	Anonymous . . .	. .	15 28 28.	. .	.	+ 3.915	− 38 37 22.3	65.5	2	− 12.32
6417	39 Libræ	5.4	28 31.96	61.6	7	3.625	− 27 40 3.3	65.0	2	12.31
6418	Anonymous . . .	9.5	28 40.47	69.4	1	3.502	− 22 8 8.5	57.4	2	12.30
6419	B. A. C. 5142 . . .	6.5	28 42.78	66.4	2	3.588	− 26 1 34.1	66.6	2	12.30
6420	Anonymous . . .	8.5	28 43.17	69.4	2	3.732	− 32 1 2.4	69 0	2	12.30
6421	α Coronæ Borealis . .	2.0*	15 28 45.61	55.8	222	+ 2.529	+ 27 11 17.9	50.9	92	− 12.29
6422	Anonymous . . .	8.8	28 59.44	68.5	2	3.509	− 22 26 30.9	57.4	2	12.28
6423	B. A. C. 5145 . . .	6.3	29 4.94	64.5	2	3.584	− 25 48 47.5	64.5	2	12.27
6424	τ^3 Serpentis	6.0*	29 12.06	59.7	3	2.726	+ 18 7 26.0	53.3	4	12.26
6425	Anonymous . . .	6.6	29 20.66	64.5	2	3.492	− 21 39 30.6	69.5	2	12.25
6426	Lacaille 6447 . . .	7.5	15 29 21.03	64.4	2	+ 3.920	− 38 41 46.5	66.4	3	− 12.25
6427	Lacaille 6448 . . .	6.7	29 30.21	64.4	2	3.919	− 38 39 52.9	66.4	3	12.24
6428	Lalande 28414 . . .	6.0*	29 34.57	56.7	3	3.515	− 22 40 26.3	54.0	4	12.24
6429	B. A. C. 5149 . . .	6.9	29 45.47	63.4	4	3.629	− 27 44 31.5	64.8	3	12.23
6430	Radcliffe 3411 . . .	6.5	30 3.39	62.4	2	2.028	+ 44 31 58.8	67.9	2	12.21

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
6431	40 Libræ	3.5	15 30 3.92	62.5	2	+ 3.668	− 29 18 49.6	66.5	2	− 12.21
6432	μ Coronæ Borealis . .	5.0*	30 6.56	60.8	3	2.198	+ 39 28 36.5	56.0	5	12.20
6433	Lalande 28446 . . .	. .	30 31.18	50.4	2	3.514	− 22 35 14.5	53.9	2	12.17
6434	Anonymous . . .	9.0	30 41.23	65.4	1	3.843	− 35 58	. .	.	12.16
6435	Lalande 28453 . . .	7.0	30 44.17	60.9	2	3.401	− 17 12 7.4	55.7	3	12.16
6436	Anonymous . . .	8.5	15 30 51.06	69.5	1	+ 3.844	− 35 58 35.0	70.4	2	− 12.15
6437	41 Libræ	5.5	30 51.24	65.0	2	3.434	− 18 50 17.1	68.5	2	12.15
6438	ψ^1 Lupi	4.8	30 52.91	56.9	4	3.788	− 33 57 5.5	58.9	2	12.15
6439	Radcliffe 3415 . . .	8.0	30 57.97	63.9	2	2.170	+ 40 17 38.3	68.5	2	12.14
6440	Anonymous . . .	7.5	30 59.06	64.7	3	3.837	− 35 42 43.1	70.5	2	12.14
6441	Anonymous . . .	9.0	15 31 0.	. .	.	+ 3.911	− 38 15 0.2	67.4	2	− 12.14
6442	Radcliffe 3416 . . .	7.5	31 3.62	63.9	2	2.170	+ 40 15 55.1	65.1	3	12.14
6443	B. A. C. 5163 . . .	7.0	31 7.52	63.4	2	3.619	− 27 11 0.2	68.0	2	12.13
6444	Lalande 28466 . . .	6.0*	31 7.58	50.4	3	3.517	− 22 41 19.9	57.4	5	12.13
6445	O. Arg. S. 14736 . .	9.0	31 19.85	64.4	3	3.532	− 23 20 24.8	67.5	2	12.12
6446	Weisse XV, 585 . .	8.2	15 31 27.34	62.0	3	+ 3.097	− 1 19 28.7	55.8	3	− 12.11
6447	Anonymous . . .	8.5	31 30.85	68.5	2	3.512	− 22 25 56.7	66.1	3	12.10
6448	Lacaille 6473 . . .	6.5	31 34.85	64.5	2	3.706	− 30 45 15.2	69.8	3	12.10
6449	Lacaille 6471 . . .	6.4	31 50.28	64.6	6	3.953	− 39 31 27.6	66.0	2	12.08
6450	42 Libræ	5.4	32 0.67	63.2	9	3.533	− 23 21 35.0	61.0	6	12.07
6451	ϕ Bootis	5.5*	15 32 48.00	59.4	3	+ 3.148	+ 40 48 38.5	53.3	4	− 12.01
6452	Anonymous . . .	8.8	32 55.60	68.4	2	3.370	− 15 32 21.6	70.0	2	12.00
6453	Anonymous . . .	7.0	32 57.96	68.5	2	2.220	+ 38 29 15.5	47.8	3	12.00
6454	B. A. C. 5167 . . .	7.4	32 58.16	62.5	2	3.662	− 28 50 41.5	67.5	2	12.00
6455	Weisse XV, 620 . .	9.0*	32 58.52	61.4	3	3.107	− 1 52 12.9	56.4	2	12.00
6456	Anonymous . . .	9.0	15 33 7.89	71.4	1	+ 2.064	+ 43 14 30.7	70.5	1	− 11.99
6457	Anonymous . . .	7.5	33 31.30	65.1	3	3.832	− 35 18 21.2	68.5	2	11.96
6458	B. A. C. 5171 . . .	7.4	33 32.78	64.4	2	3.880	− 36 58 18.7	65.9	2	11.96
6459	ψ^2 Lupi	5.4	33 46.24	56.9	4	3.803	− 34 15 26.0	58.4	2	11.95
6460	Weisse XV, 637 . .	9.0	33 48.44	59.4	2	3.362	− 15 6 21.0	58.4	2	11.94
6461	κ Libræ	5.0	15 33 53.09	64.0	8	+ 3.447	− 19 13 17.5	64.4	2	− 11.94
6462	Lacaille 6491 . . .	6.5	33 54.80	64.1	3	3.736	− 31 44 1.7	68.9	2	11.94
6463	ζ Coronæ Borealis, (1st *)	6.8	34 5.99	68.9	2	2.259	+ 37 5 36.6	47.4	2	11.92
6464	ζ Coronæ Borealis, (2d *)	5.5	34 6.37	68.9	2	2.259	+ 37 5 32.3	47.3	6	11.92
6465	Weisse (2) XV, 822 .	8.0	34 6.69	70.5	1	2.063	+ 43 11 17.9	69.5	2	11.92
6466	Weisse XV, 644 . .	9.0	15 34 9.98	59.5	2	+ 3.362	− 15 6 52.1	58.4	2	− 11.92
6467	O. Arg. S. 14787 . .	9.0	34 13.02	66.3	2	+ 3.399	− 16 55 24.0	62.5	2	11.91
6468	Schwerd 919 . . .	9.0	34 20.68	67.0	2	− 3.182	+ 80 14 14.8	71.5	3	11.91
6469	τ^6 Serpentis	6.0	34 32.85	57.5	2	+ 2.754	+ 16 28 43.2	69.0	2	11.89
6470	Radcliffe 3431 . . .	7.0	34 43.33	65.1	3	2.062	+ 43 9 3.2	70.5	3	11.88

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			h. m. s.			"	° ′ ″			"
6471	Lacaille 6495 . . .	6.8	15 34 46.66	68.5	2	+ 3.696	— 30 5 5.7	66.4	2	— 11.88
6472	B. A. C. 5184 . . .	7.5	34 54.06	61.8	3	3.372	— 15 33 42.1	60.7	5	11.87
6473	Anonymous . . .	10.0	35 6.49	65.4	2	3.407	— 17 14 52.7	58.4	3	11.85
6474	χ Serpentis	5.5*	35 12.24	60.4	2	2.817	+ 13 17 56.1	54.4	3	11.84
6475	Weisse (2) XV, 862 .	6.8	35 13.56	68.5	2	2.230	+ 37 58 15.2	46.3	1	11.84
6476	Lalande 28641 . . .	7.7	15 35 15.84	69.1	3	+ 2.245	+ 37 28 14.3	47.4	2	— 11.84
6477	Lacaille 6499 . . .	6.7	35 20.39	67.4	3	3.724	— 31 9 10.1	68.5	2	11.83
6478	Anonymous . . .	8.2	35 26.88	65.5	2	3.702	— 30 15 50.1	70.4	2	11.83
6479	Lalande 28607 . . .	6.8	35 33.90	68.9	2	3.272	— 10 28 21.9	56.8	3	11.82
6480	Lalande 28617 . . .	7.2	36 1.05	61.4	4	3.391	— 16 25 21.8	61.1	4	11.79
6481	Anonymous . . .	. .	15 36 6.29	65.5	3	+ 3.703	— 30 14 23.3	67.7	4	— 11.78
6482	η Libræ	5.7	36 12.09	63.1	6	3.367	— 15 13 24.6	69.5	5	11.77
6483	Anonymous . . .	8.5	36 35.17	64.5	2	3.382	— 15 57 19.0	69.9	2	11.75
6484	Lalande 28740 . . .	7.5*	37 4.79	62.0	2	0.606	+ 66 14 48.0	66.5	2	11.71
6485	B. A. C. 5195 . . .	6.0	37 8.60	62.9	2	3.689	— 29 35 52.2	67.9	2	11.71
6486	O. Arg. S. 14835 . .	9.2	15 37 12.98	66.0	2	+ 3.534	— 23 3 50.9	60.0	2	— 11.70
6487	α Serpentis	2.3*	37 22.39	55.3	228	2.941	+ 6 52 6.9	50.2	71	11.69
6488	O. Arg. S. 14839 . .	8.3	37 29.12	64.5	3	3.518	— 22 18 35.2	64.4	2	11.68
6489	B. A. C. 5198 . . .	7.7	37 41.70	63.5	2	3.641	— 27 37 10.1	67.9	2	11.67
6490	Lalande 28697 . . .	7.0	37 54.25	61.0	2	3.394	— 16 30 30.4	56.4	2	11.65
6491	Lacaille 6517, (1st *) .	6.5	15 38 5.09	65.4	2	+ 3.836	— 35 4 9.7	68.0	2	— 11.64
6492	O. Arg. S. 14851 . .	9.0	38 6.27	66.2	2	3.445	— 18 55 26.0	66.5	2	11.64
6493	Lacaille 6517, (2d *) .	7.0	38 6.67	65.4	2	3.837	— 35 4 36.5	68.0	2	11.64
6494	O. Arg. S. 14855 . .	8.5	38 23.66	69.9	2	3.593	— 25 31 59.4	69.8	3	11.62
6495	O. Arg. S. 14861 . .	9.6	38 37.40	67.4	2	3.592	— 25 29 59.5	69.8	3	11.60
6496	O. Arg. S. 14864 . .	7.4	15 38 51.60	68.4	2	+ 3.620	— 26 38 55.5	65.4	2	— 11.60
6497	Lacaille 6522 . . .	6.8	38 52.30	65.9	2	3.902	— 37 14 11.3	68.5	2	11.58
6498	O. Arg. S. 14871 . .	7.5	38 58.98	64.5	2	3.591	— 25 25 43.0	67.5	2	11.58
6499	Weisse XV, 744 . .	8.0	39 14.70	59.4	2	3.361	— 14 47 52.1	57.4	2	11.56
6500	Anonymous . . .	7.5	39 18.01	68.5	3	2.219	+ 37 58 37.5	48.4	1	11.55
6501	Lalande 28726 . . .	8.0*	15 39 19.86	61.4	2	+ 3.420	— 17 39 9.5	62.0	2	— 11.55
6502	Anonymous . . .	8.3	39 21.63	64.5	2	3.487	— 20 47 44.6	67.5	2	11.55
6503	B. A. C. 5211 . . .	7.8	39 30.93	64.0	4	3.595	— 25 32 59.9	62.5	4	11.54
6504	β Serpentis	4.5	39 43.44	47.6	1	2.761	+ 15 51 43.6	68.5	2	11.52
6505	O. Arg. S. 14882 . .	9.0	39 45.05	66.8	3	3.454	— 19 15 55.6	66.5	2	11.52
6506	B. A. C. 5215 . . .	7.5	15 39 48.16	65.0	2	+ 3.663	— 28 21 7.9	68.0	2	— 11.52
6507	B. A. C. 5220 . . .	6.7	40 9.02	64.1	5	3.546	— 23 23 53.0	61.4	11	11.49
6508	B. A. C. 5221 . . .	6.5	40 14.88	63.4	2	3.681	— 29 2 53.9	67.5	2	11.49
6509	O. Arg. S. 14904 . .	9.3	40 43.42	66.5	2	3.449	— 18 58 42.4	62.9	2	11.45
6510	υ Serpentis	6.5	40 47.26	59.5	2	3.787	+ 14 32 57.6	53.3	3	11.45

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			h. m. s.			"	° ′ ″			"
6511	Lacaille 6541 . . .	7.5	15 40 53.38	63.5	3	+ 3.768	− 32 22 31.8	66.5	1	− 11.44
6512	O. Arg. S. 14909 . .	8.9	40 55.90	66.8	3	3.458	− 19 23 4.1	66.0	2	11.44
6513	Lalande 28766 . . .	8.0	41 4.29	61.0	2	3.435	− 18 16 16.0	59.1	3	11.43
6514	Lalande 28799 . . .	8.2	41 9.15	68.4	2	2.247	+ 36 53 14.0	47.5	1	11.42
6515	Lalande 28801 . . .	6.5	41 10.79	68.4	2	2.247	+ 36 52 49.6	47.5	1	11.42
6516	Radcliffe 3448 . . .	7.0	15 41 26.99	62.4	2	+ 3.050	+ 42 54 14.3	66.4	1	− 11.40
6517	Weisse XV, 789 . .	8.5	41 45.28	47.3	3	3.349	− 14 6 29.0	47.3	2	11.38
6518	Weisse (2) XV, 1035 .	7.0	41 56.12	71.5	2	2.464	+ 28 54 5.9	71.4	3	11.36
6519	Weisse XV, 792 . .	8.8	41 56.15	63.1	1	3.355	− 14 23 36.4	60.4	3	11.36
6520	χ Lupi	5.0	42 4.51	45.8	6	3.793	− 33 11 48.4	72.4	3	11.35
6521	B. A. C. 5228 . . .	6.5	15 42 8.99	63.8	6	+ 3.606	− 25 51 33.5	63.7	4	− 11.35
6522	Lalande 28834 . . .	7.7	42 13.60	68.5	2	2.222	+ 37 37 0.7	48.4	1	11.34
6523	μ Serpentis	4.5	42 18.98	57.0	2	3.130	− 2 59 55.6	69.5	2	11.34
6524	κ Serpentis	4.0*	42 26.34	59.5	2	2.701	+ 18 34 34.8	53.4	3	11.33
6525	b Scorpii	5.3	42 33.87	65.1	3	3.594	− 25 19 21.3	70.5	4	11.32
6526	Lacaille 6555 . . .	6.8	15 42 42.39	66.4	2	+ 3.769	− 32 15 35.2	66.5	2	− 11.31
6527	Weisse XV, 825 . .	7.7	42 48.32	60.3	2	2.470	+ 28 35 16.4	53.5	3	11.30
6528	B. A. C. 5236 . . .	6.0*	43 5.88	68.4	1	3.123	− 2 37 36.3	63.4	2	11.28
6529	Weisse XV, 828 . .	8.0	43 18.03	60.1	3	3.278	− 10 33 49.0	55.8	3	11.26
6530	B. A. C. 5240 . . .	6.4	43 34.57	63.2	4	3.697	− 29 27 28.9	65.5	2	11.25
6531	Lalande 28838 . . .	7.5	15 43 34.84	59.4	2	+ 3.443	− 18 30 43.1	56.5	2	− 11.25
6532	Anonymous . . .	9.0	43 44.44	68.5	2	3.355	− 14 20 48.6	62.4	2	11.23
6533	δ Coronæ Borealis . .	4.5*	43 43.52	47.6	1	2.520	+ 26 29 57.7	69.0	2	11.23
6534	ε Serpentis	3.0	43 50.42	65.7	37	2.977	+ 4 54 6.4	64.1	4	11.23
6535	b Serpentis	5.8	43 58.27	60.4	2	3.124	− 2 39 50.4	57.5	2	11.22
6536	Weisse XV, 845 . .	9.0	15 44 7.62	61.0	2	+ 3.353	− 14 12 41.8	58.4	5	− 11.21
6537	Weisse XV, 848 . .	7.5	44 17.94	62.0	2	3.220	− 7 37 6.6	65.5	2	11.19
6538	Lacaille 6566 . . .	9.0	44 30.08	63.5	2	3.721	− 30 23 20.5	66.5	2	11.18
6539	O. Arg. N. 15681 . .	9.0	44 48.81	62.1	3	0.544	+ 66 17 36.7	69.5	2	11.16
6540	ρ Serpentis	4.5*	45 7.03	60.4	2	2.636	+ 21 24 3.7	54.4	3	11.13
6541	Anonymous . . .	8.1	15 45 8.88	64.5	3	+ 3.511	− 21 32 57.2	64.5	2	− 11.13
6542	A Scorpii, (1st *) . . .	8.0	45 12.57	67.0	2	3.589	− 24 54	. .	.	11.13
6543	λ Libræ	5.3	45 12.66	58.4	9	3.471	− 19 44 43.4	60.9	5	11.13
6544	A Scorpii, (2d *) . . .	5.5	45 12.72	65.1	6	3.589	− 24 54 21.8	67.9	2	11.13
6545	O. Arg. N. 15688 . .	9.0	45 17.04	62.4	2	0.538	+ 66 17 42.0	69.5	2	11.12
6546	Lalande 28917 . . .	8.0	15 45 25.77	68.4	2	+ 2.194	+ 38 15 35.9	48.5	1	− 11.11
6547	Weisse XV, 864 . .	8.0*	45 26.61	61.0	2	3.356	− 14 17 34.4	56.5	2	11.11
6548	B. A. C. 5253 . . .	6.3	45 32.44	63.5	2	3.570	− 24 6 44.2	67.4	2	11.10
6549	B. A. C. 5254 . . .	6.0	45 36.30	60.4	2	3.558	− 23 33 26.8	57.5	7	11.10
6550	Lalande 28926 . . .	7.5	45 43.25	68.5	1	2.202	+ 37 58 33.9	47.8	3	11.09

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			h. m. s.			″	° ′ ″			″
6551	θ Libræ	4.0	15 45 51.48	60.6	9	+ 3.398	− 16 18 56.4	57.9	4	− 11.08
6552	Anonymous . . .	7.4	45 52.56	69.4	2	3.446	− 18 31 54.5	65.5	3	11.08
6553	κ Coronæ Borealis . .	5.5	45 57.39	68.9	2	2.259	+ 36 5 42.5	47.4	4	11.07
6554	B. A. C. 5258 . . .	5.8	45 59.06	66.4	2	3.638	− 26 55 11.5	58.5	2	11.07
6555	Anonymous . . .	7.0	46 5.46	66.4	3	3.123	− 2 36 31.0	60.5	4	11.06
6556	Radcliffe 3462 . . .	7.0	15 46 12.54	62.4	2	+ 2.032	+ 42 59 12.6	68.0	2	− 11.05
6557	3 Scorpii	6.0	46 15.62	63.5	4	3.588	− 24 49 32.9	67.9	2	11.05
6558	Anonymous . . .	6.8	46 32.84	68.5	2	3.282	− 10 40 18.6	64.4	2	11.02
6559	Lacaille 6582 . . .	6.3	46 45.31	66.4	2	3.991	− 39 26 57.1	65.5	2	11.02
6560	47 Libræ	7.0*	46 55.17	61.8	3	3.456	− 18 57 58.1	60.7	5	11.00
6561	4 Scorpii	5.8	15 47 2.77	69.4	2	+ 3.614	− 25 50 59.3	63.1	3	− 10.99
6562	B. A. C. 5266 . . .	7.0	47 12.65	65.4	2	+ 3.626	− 26 19 47.7	69.7	4	10.98
6563	18 Ursæ Minoris . . .	7.0	47 27.51	69.5	2	− 3.561	+ 80 25 8.4	66.7	3	10.97
6564	Anonymous. . . .	9.0	47 29.16	59.4	1	+ 3.411	− 16 50 22.8	66.5	3	10.96
6565	O. Arg. S. 15023 . .	7.3	47 38.57	64.3	3	3.607	− 25 31 17.2	70.5	2	10.95
6566	χ Herculis	5.0	15 47 50.32	61.8	6	+ 2.033	+ 42 50 39.2	56.8	4	− 10.93
6567	ξ Lupi, (1st *). . . .	6.5	47 56.84	66.5	2	3.816	− 33 33 10.3	65.4	2	10.93
6568	ξ Lupi, (2d *). . . .	6.5	47 57.49	66.5	2	3.816	− 33 33 4.7	68.5	2	10.93
6569	Weisse (2) XV, 1201 .	8.2	47 57.90	69.5	2	2.026	+ 43 0 13.0	69.5	2	10.93
6570	Lacaille 6590 . . .	6.5	48 0.60	65.0	2	3.872	− 35 30 54.7	67.5	2	10.92
6571	ρ Scorpii	4.5	15 48 14.81	60.8	3	+ 3.689	− 28 48 6.7	66.5	2	− 10.91
6572	B. A. C. 5273 . . .	6.0*	48 24.41	59.5	2	2.647	+ 20 43 23.9	53.3	3	10.89
6573	Anonymous . . .	8.2	48 36.60	64.5	3	3.522	− 21 48 27.2	70.5	2	10.88
6574	B. A. C. 5275 . . .	7.1	48 41.18	62.8	3	3.650	− 27 13 48.7	58.5	2	10.87
6575	B. A. C. 5278 . . .	6.2	49 0.52	62.4	3	+ 3.505	− 21 4 29.2	62.8	3	10.85
6576	ζ Ursæ Minoris . . .	4.5*	15 49 8.32	50.8	110	− 2.323	+ 78 13 22.8	50.6	53	− 10.84
6577	B. A. C. 5281 . . .	6.4	49 29.82	64.2	6	+ 3.495	− 20 34 25.8	64.5	2	10.81
6578	O. Arg. S. 15061 . .	8.0	49 43.57	67.0	2	3.404	− 16 24 8.4	65.5	2	10.80
6579	Weisse XV, 939 . .	9.0	49 44.84	61.0	2	3.123	− 2 34 46.5	58.9	4	10.79
6580	2 Herculis	6.0*	49 57.81	60.4	3	2.000	+ 43 32 51.5	53.4	3	10.78
6581	γ Serpentis	4.5	15 49 59.11	45.5	1	+ 2.746	+ 16 7 4.8	68.5	2	− 10.78
6582	O. Arg. S. 15067 . .	7.3	49 59.64	67.4	2	3.410	− 16 40 43.2	65.5	2	10.78
6583	B. A. C. 5286 . . .	6.0	50 11.48	62.5	2	3.584	− 24 25 27.7	61.2	3	10.76
6584	O. Arg. S. 15072 . .	7.5	50 19.81	66.5	2	3.494	− 20 29 11.4	67.9	2	10.75
6585	48 Libræ	6.0	50 21.14	58.9	2	3.351	− 13 52 20.1	69.0	2	10.75
6586	π Scorpii	3.3	15 50 23.29	63.2	6	+ 3.616	− 25 42 27.5	64.8	3	− 10.75
6587	λ Coronæ Borealis . .	5.5	50 41.84	59.5	2	2.178	+ 38 21 11.7	51.1	5	10.72
6588	φ Serpentis	6.0	50 47.09	68.4	2	2.773	+ 14 49 7.4	62.5	2	10.72
6589	4 Herculis.	6.0*	50 47.92	60.4	2	2.019	+ 42 58 30.1	63.5	3	10.72
6590	Weisse (2) XV, 1273 .	7.5	50 48.32	68.4	3	2 216	+ 37 7 55.5	47.5	2	10.72

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6591	B. A. C. 5294 . . .	6.6	15 50 56.45	62.5	2	+ 3.638	− 26 36 44.9	67.5	2	− 10.71
6592	B. A. C. 5296 . . .	6.5	50 57.64	64.2	4	3.716	− 29 40 44.5	69.0	2	10.71
6593	B. A. C. 5297 . . .	7.0	50 58.45	66.0	2	3.705	− 29 13 37.8	71.3	6	10.70
6594	Lalande 29043 . . .	8.5	50 59.49	60.0	2	3.473	− 19 31 47.1	55.4	2	10.70
6595	Lacaille 6624 . . .	7.0	51 0.08	63.9	2	3.806	− 32 58 54.6	68.5	2	10.70
6596	Lalande 29044 . . .	8.0	15 51 0.30	60.0	2	+ 3.473	− 19 32 0.4	55.4	2	− 10.70
6597	B. A. C. 5299 . . .	7.0	51 6.31	65.0	2	3.745	− 30 45 51.8	68.5	2	10.69
6598	ε Coronæ Borealis . .	4.0*	51 47.56	69.6	8	2.487	+ 27 17 7.2	69.0	2	10.64
6599	Weisse XV, 976 . .	9.5	51 55.00	65.4	2	3.289	− 10 51 34.8	56.4	2	10.63
6600	O. Arg. S. 15101 . .	8.0	52 0.97	68.5	2	3.631	− 26 15 3.7	67.5	3	10.63
6601	δ Scorpii	2.3*	15 52 3.64	60.9	39	+ 3.535	− 22 13 11.2	58.8	5	− 10.62
6602	49 Libræ	6.0	52 29.06	45.4	2	3.400	− 16 7 8.5	71.3	5	10.59
6603	O. Arg. S. 15108 . .	7.0	52 33.	. .	.	3.642	− 26 38 50.0	67.5	2	10.59
6604	O. Arg. S. 15112 . .	7.2	52 45.91	64.5	2	3.574	− 23 52 2.8	66.5	3	10.57
6605	Lacaille 6641 . . .	6.3	52 55.40	67.5	2	3.908	− 36 20 46.8	70.5	2	10.56
6606	Weisse (2) XV, 1330 .	8.0	15 53 1.40	62.4	2	+ 2.025	+ 42 38 29.2	68.0	2	− 10.55
6607	Weisse (2) XV, 1336 .	8.0	53 12.26	68.5	2	2.196	+ 37 36 55.8	46.4	1	10.54
6608	Lalande 29146 . . .	6.3	53 19.00	68.9	2	2.176	+ 38 13 48.5	48.5	1	10.53
6609	Coronæ Borealis . .	Var.	53 38.88	70.5	2	2.509	+ 26 19 13.9	71.4	1	10.50
6610	B. A. C. 5310 . . .	5.5*	53 47.50	47.6	1	2.212	+ 37 2 35.3	68.5	2	10.49
6611	Weisse (2) XV, 1367 .	6.8	15 53 51.45	68.4	2	+ 2.203	+ 37 20 34.1	46.4	1	− 10.49
6612	Weisse XV, 1011 . .	8.5	53 52.64	68.5	2	3.291	− 10 52 51.5	56.5	5	10.49
6613	B. A. C. 5308 . . .	6.7	53 59.51	63.8	4	3.697	− 28 44 26.8	65.8	3	10.48
6614	O. Arg. S. 15134 . .	8.1	54 0.16	65.5	3	3.622	− 25 45 9.1	65.5	2	10.48
6615	Lacaille 6648 . . .	7.4	54 6.60	63.5	2	3.745	− 30 32 50.9	67.9	2	10.47
6616	Weisse XV, 1019 . .	8.6	15 54 18.57	68.5	2	+ 3.292	− 10 53 50.3	57.1	3	− 10.46
6617	O. Arg. S. 15147 . .	7.2	54 35.33	67.0	2	3.575	− 23 46 47.3	68.8	3	10.44
6618	B. A. C. 5312 . . .	7.2	54 45.23	63.1	2	3.637	− 26 19 7.0	66.5	2	10.42
6619	Anonymous . . .	8.4	54 50.26	66.5	3	3.587	− 24 15 13.1	67.5	2	10.42
6620	B. A. C. 5314 . . .	5.8	54 53.28	64.2	3	3.616	− 25 28 16.9	66.6	2	10.41
6621	r Herculis	5.5*	15 54 56.85	59.5	2	+ 2.697	+ 18 12 25.6	53.5	3	− 10.41
6622	Gr. 12-year Cat. 1315 .	7.0	54 59.20	60.5	3	3.476	− 19 26 52.2	55.5	2	10.40
6623	Lacaille 6657 . . .	7.0	55 22.94	64.4	4	3.949	− 37 28 9.1	65.0	2	10.38
6624	Lacaille 6658 . . .	8.0	55 27.34	63.5	1	3.948	− 37 25 34.2	65.0	2	10.37
6625	B. A. C. 5317 . . .	6.2	55 30.49	62.8	3	3.590	− 24 20 8.5	62.5	2	10.37
6626	Weisse XV, 1057 . .	8.8	15 56 5.39	66.4	2	+ 2.842	+ 11 21 16.2	65.0	2	− 10.32
6627	O. Arg. S. 15179 . .	9.1	56 22.49	68.4	2	3.512	− 20 57 48.0	67.9	2	10.30
6628	O. Arg. S. 15183 . .	9.0	56 35.56	67.0	2	3.565	− 23 14 31.1	67.5	2	10.29
6629	51 Libræ, (1st *) . . .	5.2	56 40.35	64.0	5	3.295	− 10 59 1.5	56.4	2	10.28
6630	51 Libræ, (2d *) . . .	8.0	56 40.92	65.5	2	3.295	− 10 58 59.6	70.2	3	10.28

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6631	Lalande 29208 . . .	7.5*	15 56 41.85	62.4	2	+ 3.305	— 11 28 7.0	59.5	3	— 10.28
6632	O. Arg. S. 15191 . .	7.4	56 58.46	63.0	4	3.566	— 23 16 55.1	66.3	4	10.26
6633	O. Arg. S. 15194 . .	7.4	57 12.98	64.5	3	3.580	— 23 50 9.0	64.5	2	10.24
6634	Weisse XV, 1081 . .	7.5	57 17.74	70.4	2	2.942	+ 6 26 31.7	68.5	1	10.23
6635	β^1 Scorpii	2.0*	57 18.07	55.0	162	34.77	— 19 25 8.4	53.0	64	10.23
6636	β^2 Scorpii	5.5*	15 57 18.47	64.0	9	+ 3.477	— 19 24 56.3	49.9	11	— 10.23
6637	O. Arg. N. 15839 . .	8.7	57 27.09	69.5	3	— 0.095	+ 70 2 8.4	70.5	1	10.22
6638	Weisse XV, 1080 . .	7.0*	57 21.75	64.4	2	+ 3.051	+ 1 3 45.8	63.4	2	10.23
6639	θ Lupi	4.5	57 24.44	69.5	4	3.921	— 36 25 1.8	67.2	3	10.22
6640	Weisse XV, 1086 . .	6.8	57 26.85	68.1	3	2.943	+ 6 23 59.5	67.1	3	10.22
6641	O. Arg. S. 15199 . .	7.8	15 57 28.76	70.5	2	+ 3.524	— 21 27 10.4	68.5	3	— 10.22
6642	B. A. C. 5333 . . .	6.5	57 37.01	59.4	2	3.475	— 19 17 43.4	69.7	5	10.21
6643	B. A. C. 5335 . . .	6.1	57 45.71	63.2	7	3.566	— 23 13 17.0	63.2	10	10.20
6644	Weisse XV, 1092 . .	7.0	58 2.54	62.0	4	3.132	— 2 57 43.9	58.0	4	10.17
6645	Lacaille 6686 . . .	6.0	58 5.	. .	.	3.921	— 36 22 19.1	68.5	2	10.17
6646	B. A. C. 5336 . . .	6.0	15 58 10.48	68.5	2	+ 2.203	+ 37 1 12.9	62.5	3	— 10.16
6647	B. A. C. 5341 . . .	5.5*	58 31.42	59.5	2	1.524	+ 53 18 20.6	53.5	3	10.14
6648	O. Arg. S. 15225 . .	8.4	58 34.03	67.5	2	3.527	— 21 32 17.9	70.4	2	10.14
6649	O. Arg. S. 15227 . .	7.3	58 35.92	67.5	2	+ 3.526	— 21 28 55.3	68.5	3	10.13
6650	O. Arg. N. 15864 . .	9.0*	58 39.64	64.0	4	— 0.118	+ 70 6 46.1	59.7	5	10.13
6651	Anonymous . . .	9.0	15 58 48.93	61.4	1	+ 3.320	— 12 6 33.3	57.5	2	— 10.12
6652	Anonymous . . .	7.2	58 51.59	68.5	2	3.307	— 11 31 24.7	63.0	2	10.12
6653	Lalande 29341 . . .	7.0	58 54.68	68.5	1	2.276	+ 34 33 49.8	47.4	1	10.11
6654	O. Arg. S. 15235 . .	9.0	59 2.12	62.8	3	2.531	— 21 40 44.1	70.5	2	10.10
6655	Anonymous . . .	6.8	59 11.83	67.4	4	3.999	— 38 43 33.5	69.0	4	10.09
6656	O. Arg. S. 15240 . .	6.0	15 59 11.96	67.4	2	+ 3.504	— 20 29 13 6	67.9	2	— 10.09
6657	Lacaille 6695 . . .	6.3	59 12.22	67.4	4	3.998	— 38 42 48.5	69.0	4	10.09
6658	Lalande 29306 . . .	7.8	59 12.42	69.4	2	3.438	— 17 33 17.6	56.2	3	10.09
6659	O. Arg. S. 15242 . .	8.5	59 13.93	67.4	2	3.506	— 20 33 40.3	67.9	2	10.09
6660	B. A. C. 5345 . . .	6.0	59 27.96	61.0	4	+ 3.589	— 24 4 57.2	58.3	9	10.07
6661	O. Arg. N. 15872 . .	9.0	15 59 32.35	56.0	2	— 0.038	+ 69 36 10.1	54.0	2	— 10.06
6662	B. A. C. 5347 . . .	5.5	59 36.00	62.5	2	+ 3.635	— 25 56 54.5	66.5	2	10.06
6663	O. Arg. N. 15876 . .	9.0*	59 41.51	50.5	2	— 0.129	+ 70 8 0.1	63.4	2	10.05
6664	11 Scorpii	6.0	59 50.08	57.1	3	+ 3.326	— 12 21 55.8	54.0	3	10.04
6665	O. Arg. N. 15882 . .	8.8	59 54.01	60.5	3	— 0.043	+ 69 36 54.4	54.0	2	10.03
6666	O. Arg. S. 15271 . .	8.4	16 0 18.49	64.5	4	+ 3.738	— 29 52 58.6	66.5	2	— 10.00
6667	B. A. C. 5354 . . .	6.0	0 22.28	63.4	2	3.571	— 23 18 28.7	61.5	2	10.00
6668	Weisse (2) XV, 1561 .	8.0	0 41.09	62.4	1	2.012	+ 42 24 30.1	68.0	2	9.98
6669	B. A. C. 5357 . . .	7.2	0 42.76	66.5	2	4.037	— 39 45 19.5	69.5	4	9.97
6670	45 Serpentis	5.5	0 56.60	47.6	1	2.862	+ 10 16 8.1	69.5	2	9.96

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6671	O. Arg. S. 15292 . .	7.3	16 1 14.60	66.5	2	+ 3.640	− 26 3 57.3	68.0	2	− 9.93
6672	O. Arg. S. 15295 . .	8.8	1 22.65	67.5	2	3.427	− 16 58 31.8	65.5	2	9.92
6673	O. Arg. S. 15300 . .	9.1	1 24.31	67.5	2	3.425	− 16 53 15.6	72.4	2	9.92
6674	O. Arg. S. 15303 . .	9.0	1 29.91	68.5	1	3.423	− 16 48 39.4	71.5	2	9.91
6675	Lacaille 6716 . . .	7.7	1 42.06	66.5	2	4.039	− 39 45 15.9	67.4	1	9.90
6676	B. A. C. 5364 . . .	7.3	16 1 42.98	65.4	4	+ 3.653	− 26 32 8.6	67.5	4	− 9.90
6677	B. A. C. 5365 . . .	7.3	1 45.23	64.0	2	3.595	− 24 12 35.4	67.4	2	9.89
6678	κ Herculis	5.5	1 45.54	64.4	2	2.707	+ 17 25 19.9	54.4	3	9.89
6679	B. A. C. 5368 . . .	5.8	1 45.84	63.8	3	2.707	+ 17 25 49.9	70.5	2	9.89
6680	Weisse XVI, 11 . .	9.0	2 16.66	59.7	3	3.137	− 3 10 26.7	55.5	2	9.86
6681	B. A. C. 5374 . . .	5.5	16 2 20.55	63.5	2	+ 3.719	− 29 2 36.7	68.5	2	− 9.85
6682	Anonymous . . .	9.2	2 24.67	62.5	2	3.526	− 21 16 36.0	71.5	2	9.84
6683	q Herculis	6.5*	2 27.91	59.9	2	2.703	+ 17 34 46.6	54.5	3	9.84
6684	Weisse XVI, 19 . .	5.5	2 31.08	61.2	5	3.135	− 3 5 42.1	61.7	5	9.84
6685	B. A. C. 5378 . . .	6.5	2 59.51	64.1	3	3.661	− 26 46 54.6	65.5	3	9.80
6686	Anonymous . . .	7.5	16 3 2.28	64.4	2	+ 3.659	− 26 42 38.5	71.5	1	− 9.80
6687	O. Arg. S. 15342 . .	8.2	3 12.47	65.5	2	3.446	− 17 44 50.5	66.0	4	9.78
6688	Weisse XVI, 38 . .	7.6	3 13.09	63.5	2	3.355	− 13 37 21.4	63.5	2	9.78
6689	Anonymous . . .	9.5	3 14.48	68.4	2	3.525	− 21 13 5.1	62.9	2	9.78
6690	σ^1 Scorpii	6.0	3 37.30	56.5	4	3.695	− 28 2 57.3	68.0	2	9.75
6691	σ^2 Scorpii	5.6	16 3 41.06	63.8	4	+ 3.682	− 27 33 33.9	67.4	2	− 9.75
6692	ν^1 Scorpii	6.0*	3 50.66	65.4	3	3.476	− 19 4 56.8	71.5	2	9.74
6693	τ Coronæ Borealis . .	5.5*	3 51.25	47.6	1	21.96	+ 36 50 59.3	72.5	2	9.73
6694	ν^2 Scorpii	4.1	3 51.75	59.2	22	3.477	− 19 5 37.6	57.8	3	9.73
6695	O. Arg. S. 15359 . .	8.4	3 54.09	64.5	3	3.741	− 29 47 10.0	70.7	4	9.73
6696	Anonymous . . .	7.5	16 3 57.95	67.0	2	+ 3.453	− 17 52 14.7	69.5	2	− 9.73
6697	O. Arg. N. 15952 . .	7.6	4 46.48	62.1	6	0.553	+ 65 3 33.6	67.5	3	9.66
6698	B. A. C. 5389 . . .	7.8	4 57.23	63.5	3	3.714	− 28 41 38.2	67.1	2	9.65
6699	O. Arg. S. 15388 . .	8.0	5 4.93	64.5	4	3.745	− 29 50 56.2	66.0	2	9.64
6700	48 Serpentis	6.0*	5 8.58	66.0	2	2.713	+ 17 1 49.0	62.5	2	9.64
6701	Weisse (2) XVI, 154 .	8.8	16 5 18.92	65.5	2	+ 2.009	+ 42 11 24.6	70.5	2	− 9.62
6702	Groombridge 2319. .	8.0	5 20.46	64.7	2	− 0.266	+ 70 38 9.4	61.0	5	9.62
6703	B. A. C. 5394 . . .	6.8	5 20.60	64.1	5	+ 3.596	− 24 3 36.5	60.5	3	9.62
6704	O. Arg. S. 15398 . .	7.8	5 23.04	65.5	3	3.447	− 17 44 18.9	65.5	3	9.62
6705	B. A. C. 5395 . . .	6.0*	5 26.86	60.5	2	+ 3.523	− 21 2 20.5	60.0	4	9.61
6706	Anonymous . . .	9.0	16 5 29.90	64.9	2	− 0.267	+ 70 38	. .	.	− 9.61
6707	O. Arg. S. 15403 . .	7.2	5 39.08	66.0	2	+ 3.580	− 23 24 48.0	64.5	2	9.60
6708	Weisse XVI, 83 . .	7.5	5 49.33	60.5	2	3.336	− 12 40 26.2	56.4	2	9.58
6709	B. A. C. 5406 . . .	5.0	5 57.34	62.7	2	0.138	+ 68 10 44.7	62.9	7	9.57
6710	O. Arg. S. 15416 . .	6.9	6 15.25	62.7	5	3.517	− 20 44 51.8	60.5	3	9.55

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6711	B. A. C. 5403	6.2	16 6 24.70	63.5	2	+ 3.623	− 25 7 6.3	67.0	2	− 9.54
6712	B. A. C. 5408	6.5*	6 34.80	61.0	2	3.458	− 18 10 21.3	57.0	4	9.53
6713	B. A. C. 5411	5.8	6 41.00	68.4	2	2.192	+ 36 47 20.5	47.1	1	9.52
6714	B. A. C. 5409	7.2	6 44.62	62.9	2	3.668	− 26 50 54.2	59.5	4	9.51
6715	Weisse XVI, 111	7.9	6 51.90	63.5	3	3.286	− 10 18 6.6	63.4	2	9.50
6716	δ Ophiuchi	3.0*	16 7 0.71	53.7	175	+ 3.141	− 3 19 49.8	51.1	76	− 9.49
6717	Weisse XVI, 113	8.5	7 5.96	63.5	2	3.372	− 14 16 51.5	65.5	2	9.48
6718	B. A. C. 5416	7.0	7 15.63	68.4	2	3.760	− 30 15 58.1	63.5	2	9.47
6719	Weisse XVI, 121	9.0	7 18.97	61.5	2	3.341	− 12 52 8.6	61.2	4	9.47
6720	O. Arg. S. 15438	8.0	7 19.32	57.7	4	3.616	− 24 45 43.7	59.7	5	9.47
6721	B. A. C. 5418	6.5	16 8 1.89	66.0	2	+ 3.596	− 23 55 42.8	67.0	2	− 9.41
6722	B. A. C. 5421	7.7	8 7.59	64.0	4	3.737	− 29 23 27.8	61.5	2	9.40
6723	Lalande $_{2}96_{54}$	7.2	8 13.95	68.9	2	+ 2.135	+ 38 25 46.5	48.5	1	9.40
6724	Lacaille 6765	7.5	8 18.05	69.4	2	− 0.301	+ 70 41 51.1	55.1	3	9.39
6725	O. Arg. N. 16014	8.6	8 20.73	69.0	2	+ 3.883	− 34 28 15.0	64.9	2	9.39
6726	O. Arg. S. 15466	6.9	16 8 44.05	64.4	3	+ 3.525	− 20 57 6.7	63.5	3	− 9.36
6727	Lacaille 6774	6.3	9 7.03	68.5	3	3.887	− 34 33 57.2	64.5	4	9.33
6728	16 Herculis	6.5*	9 16.43	59.5	2	2.660	+ 19 9 50.5	53.3	4	9.32
6729	σ Coronæ Borealis	6.0*	9 26.12	60.5	2	2.267	+ 34 12 53.9	54.4	3	9.30
6730	B. A. C. 5429	5.4	9 37.28	63.4	3	3.709	− 28 15 43.4	66.5	2	9.29
6731	B. A. C. 5430	7.0*	16 9 37.52	62.5	2	+ 3.694	− 27 41 34.5	58.5	2	− 9.29
6732	Weisse XVI, 173	7.5	10 0.80	55.4	5	3.346	− 13 1 24.0	51.4	4	9.26
6733	Anonymous	8.7	10 6.46	64.4	2	3.761	− 30 9 8.0	66.5	2	9.25
6734	Lacaille 6781	6.5	10 8.44	61.5	2	3.907	− 35 8 38.3	67.5	2	9.25
6735	Weisse XVI, 176	8.0	10 10.20	61.0	2	3.348	− 13 5 44.2	64.2	3	9.25
6736	Anonymous	8.7	16 10 16.51	64.5	3	+ 3.759	− 30 4 45.0	64.4	2	− 9.24
6737	O. Arg. S. 15490	9.0	10 23.14	60.5	2	3.534	− 21 14 45.3	57.0	2	9.23
6738	B. A. C. 5433	7.3	10 28.01	62.5	3	3.702	− 27 56 20.7	67.5	2	9.22
6739	Weisse (2) XVI, 326	9.0	10 44.72	62.5	2	2.014	+ 41 40 29.7	68.0	2	9.20
6740	ε Ophiuchi	4.0	10 54.96	62.4	3	3.162	− 4 20 52.1	67.1	2	9.19
6741	Anonymous	9.0	16 11 20.68	69.0	2	+ 3.894	− 34 38 8.0	70.5	1	− 9.16
6742	Lalande 29696	7.0	11 28.28	59.4	2	3.470	− 18 29 5.5	56.8	4	9.15
6743	Anonymous	8.5	11 30.98	68.4	2	2.168	+ 37 13 26.4	48.4	1	9.14
6744	B. A. C. 5441	7.0	11 48.92	62.0	2	3.737	− 29 10 24.1	65.5	2	9.12
6745	Weisse XVI, 221	9.0	11 50.47	69.4	1	2.884	+ 8 57	. .	.	9.10
6746	19 Scorpii	5.6	16 12 12.97	67.3	6	+ 3.598	− 23 49 43.1	67.0	6	− 9.09
6747	O. Arg. N. 16057	7.4	12 22.47	63.2	3	1.455	+ 53 35 11.2	65.5	2	9.08
6748	Lacaille 6796	7.2	12 26.10	63.9	3	3.845	− 32 57 42.4	69.5	4	9.07
6749	O. Arg. S. 15541	8.0	12 26.12	60.5	2	3.542	− 21 30 1.8	56.9	2	9.07
6750	Anonymous	8.2	12 30.77	68.4	2	2.164	+ 37 15 58.9	48.5	1	9.06

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			h. m. s.			″	° ′ ″			″
6751	Lacaille 6797 . . .	7.1	16 12 34.20	63.9	3	+ 3.845	− 32 53 44.4	68.3	5	− 9.06
6752	Anonymous . . .	9.2	12 39.54	66.5	2	3.635	− 25 15 10.0	69.5	3	9.05
6753	σ Scorpii	2.7	12 41.03	60.5	27	3.635	− 25 15 10.8	62.1	3	9.05
6754	Weisse (2) XVI, 386 .	8.3	12 53.10	62.5	2	2.007	+ 41 44 29.1	67.5	2	9.04
6755	Anonymous . . .	8.0	12 53.90	69.4	2	2.138	+ 38 2 31.3	46.4	2	9.04
6756	Anonymous . . .	8.4	16 12 55.27	69.5	3	+ 2.146	+ 37 47 29.8	48.5	1	− 9.04
6757	Anonymous . . .	7.3	12 55.51	62.5	1	3.598	− 23 48.	. .	.	9.03
6758	Lalande 29766 . . .	6.2	13 1.70	69.4	2	+ 2.133	+ 38 6 27.2	47.4	2	9.03
6759	Anonymous . . .	9.5	13 3.71	67.0	2	− 3.424	+ 79 35 2.0	70.5	1	9.02
6760	Anonymous . . .	9.3	13 27.44	67.0	2	− 3.444	+ 79 36 23.5	70.5	2	8.99
6761	B. A. C. 5452 . . .	6.0*	16 13 59.89	59.8	3	+ 3.543	− 21 28 24.0	54.4	4	− 8.95
6762	Lacaille 6806 . . .	6.5	14 3.97	68.5	2	3.897	− 34 35 21.6	64.1	3	8.95
6763	O. Arg. S. 15566 . .	7.6	14 30.01	64.5	4	3.575	− 22 47 2.6	64.5	2	8.91
6764	O. Arg. S. 15571 . .	6.7	14 51.87	62.4	3	3.431	− 16 41 9.1	65.5	2	8.88
6765	Lacaille 6815, (1st *) .	7.5	14 56.56	63.5	2	3.847	− 32 52 2.7	65.5	3	8.87
6766	Lacaille 6815, (2d *) .	7.7	16 14 56.84	63.6	2	+ 3.847	− 32 52 7.5	66.5	2	− 8.87
6767	B. A. C. 5460 . . .	6.0*	15 7.35	59.8	3	2.064	+ 40 2 43.3	53.9	7	8.86
6768	B. A. C. 5457 . . .	6.4	15 12.04	63.5	2	3.984	− 37 14 5.9	66.5	2	8.85
6769	Lalande 29796. . .	7.0*	15 15	. .	.	2.158	+ 37 18 46.7	47.5	2	8.85
6770	Lacaille 6818 . . .	7.3	15 22.27	62.3	6	3.908	− 34 50 43.8	66.0	2	8.84
6771	Weisse (2) XVI, 457 .	7.5	16 15 30.59	68.5	2	+ 2.043	+ 40 35 43.1	54.5	2	− 8.83
6772	Lacaille 6821 . . .	6.8	15 35.80	68.5	2	+ 3.899	− 34 33 51.9	64.5	3	8.83
6773	O. Arg. N. 16117 . .	8.0	15 41.96	61.2	4	− 0.452	+ 71 10 48.8	53.6	5	8.82
6774	γ Herculis	5.0	15 44.93	45.4	2	+ 2.647	+ 19 29 4.7	72.4	3	8.81
6775	O. Arg. N. 16121 . .	8.5	15 50.81	60.8	3	− 0.474	+ 71 17 6.1	53.9	5	8.80
6776	B. A. C. 5464, (1st *) .	7.0	16 15 52.45	65.5	2	+ 3.748	− 29 22 16.1	65.5	2	− 8.80
6777	B. A. C. 5464, (2d *) .	6.0	15 52.57	64.5	3	3.748	− 29 22 23.7	65.5	2	8.80
6778	B. A. C. 5465 . . .	6.8	15 53.94	65.9	2	3.680	− 26 49 16.5	65.0	2	8.80
6779	ψ Ophiuchi	5.1	15 54.86	59.7	15	3.502	− 19 42 21.6	57.9	51	8.80
6780	O. Arg. S. 15595 . .	8.2	16 4.29	65.5	3	3.565	− 22 19 32.3	67.5	2	8.79
6781	ξ Coronæ Borealis . .	5.0*	16 16 38.52	59.8	3	+ 2.343	+ 31 13 7.4	53.9	6	− 8.74
6782	Lalande 29874 . . .	7.8	16 43.62	62.4	3	1.997	+ 41 46 5.1	67.6	2	8.73
6783	B. A. C. 5471 . . .	8.2	16 46.57	68.9	2	3.806	− 31 22 37.5	58.5	2	8.73
6784	B. A. C. 5474 . . .	8.0	16 53.78	63.7	5	3.741	− 29 4 28.5	66.5	3	8.72
6785	O. Arg. S. 15612 . .	8.2	16 57.23	69.4	2	3.612	− 24 8 20.0	66.4	2	8.71
6786	O. Arg. S. 15615 . .	8.0	16 17 0.75	69.5	2	+ 3.586	− 23 8	. .	.	− 8.71
6787	B. A. C. 5476 . . .	7.5	17 0.77	63.9	6	3.756	− 29 35 48.0	65.2	3	8.71
6788	ν¹ Coronæ Borealis . .	5.0*	17 5.18	59.5	2	2.256	+ 34 7 50.3	54.4	3	8.71
6789	ρ Ophiuchi, (1st *) . .	. .	17 11.63	69.5	2	3.586	− 23 7 14.9	64.5	2	8.70
6790	ρ Ophiuchi, (2d *) . .	. .	17 11.69	69.5	2	3.586	− 23 7 10.9	64.5	2	8.70

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			h. m. s.			"	° ′ ″			"
6791	ι^2 Coronæ Borealis . .	5.0*	16 17 12.76	60.0	2	+ 2.258	+ 34 1 51.6	54.5	3	— 8.70
6792	O. Arg. S. 15632 . .	8.3	18 32.24	67.0	2	3.746	— 29 8 33.0	67.5	2	8.59
6793	O. Arg. S. 15641 . .	8.0	18 37.95	66.5	3	3.743	— 29 2 59.7	67.5	2	8.58
6794	B. A. C. 5487 . . .	7.2	18 44.50	64.0	8	3.741	— 28 58 5.6	65.0	4	8.58
6795	χ Ophiuchi	4.5	18 54.77	65.3	5	3.408	— 18 8 8.2	67.1	2	8.56
6796	Weisse(2)XVI,573,(1st*)	7.8	16 19 10.18	68.4	3	+ 2.148	+ 37 21 37.2	46.4	2	— 8.54
6797	Weisse(2)XVI,573,(2d*)	7.6	19 10.37	68.4	3	2.148	+ 37 21 37.2	46.4	2	8.54
6798	υ Ophiuchi	5.0*	20 13.98	61.0	2	3.244	— 8 3 18.8	65.3	4	8.46
6799	25 Herculis	6.2	20 24.90	68.5	2	2.134	+ 37 42 54.1	46.4	9	8.44
6800	Weisse (2) XVI, 616 .	8.0	20 28.86	69.4	2	2.116	+ 38 13 55.7	48.5	1	8.44
6801	O. Arg. S. 15659 . .	7.0	16 20 32.04	64.5	2	+ 3.618	— 24 12 57.3	66.0	2	— 8.43
6802	α Scorpii	1.0	20 49.71	54.4	194	3.667	— 26 7 3.5	52.0	84	8.41
6803	O. Arg. S. 15671 . .	7.0	21 29.15	66.4	2	3.634	— 24 50 7.8	68.5	1	8.36
6804	Weisse XVI, 393 . .	7.3	21 34.38	66.0	2	+ 3.358	— 13 15 30.1	67.6	2	8.35
6805	η Ursæ Minoris . . .	6.0	21 38.22	69.7	3	— 1.832	+ 76 4 35.0	64.9	9	8.34
6806	22 Scorpii	6.0*	16 21 42.36	64.2	4	+ 3.634	— 24 48 12.9	58.5	3	— 8.34
6807	η Draconis	3.0	22 6.07	52.5	22	0.800	+ 61 49 53.7	54.3	11	8.31
6808	B. A. C. 5513 . . .	6.6	22 47.52	62.9	3	3.672	— 26 13 44.5	62.5	2	8.25
6809	O. Arg. S. 15694 . .	9.0	22 53 84	64.5	3	3.764	— 29 34 54.1	69.2	3	8.25
6810	Anonymous . . .	8.2	23 4.57	70.5	2	3.869	— 33 10 0.8	68.6	3	8.23
6811	ϕ Ophiuchi	5.4	16 23 7.80	57.9	11	+ 3.429	— 16 18 14.8	66.5	3	— 8.23
6812	O. Arg. S. 15698 . .	9.0	23 15.35	65.5	3	3.577	— 22 29 41.3	67.5	2	8.22
6813	Weisse (2) XVI, 703 .	8.9	23 29.56	62.5	2	1.982	+ 41 46 13.4	68.5	2	8.20
6814	Weisse XVI, 439 . .	7.7	23 35.18	71.5	1	2.975	+ 4 32 9.2	71.4	2	8.19
6815	B. A. C. 5518 . . .	8.1	23 39.35	63.8	3	3.741	— 28 44 16.6	65.2	3	8.18
6816	ω Ophiuchi	4.5	16 23 50.55	65.4	3	+ 3.545	— 21 9 47.4	66.5	2	— 8.17
6817	Lacaille 6871 . . .	7.0	23 56.49	63.4	3	3.872	— 33 13 42.1	69.0	2	8.16
6818	g Herculis.	5.0*	24 2.72	60.3	2	1.965	+ 42 11 29.0	54.4	3	8.15
6819	B. A. C. 5522 . . .	7.0	24 6.38	63.9	2	3.814	— 31 15 1.5	61.5	4	8.15
6820	O. Arg. S. 15712 . .	9.0	24 6.39	64.5	2	3.528	— 20 28 44.4	70.5	1	8.15
6821	O. Arg. S. 15713 . .	8.7	16 24 10.89	64.5	3	+ 3.528	— 20 26 55.5	67.5	2	— 8.14
6822	β Herculis	5.0	24 12.24	46.4	2	2.584	+ 21 47 49.3	69.8	3	8.14
6823	B. A. C. 5527 . . .	5.5*	24 28.82	59.5	3	2.608	+ 20 47 15.9	53.3	3	8.12
6824	B. A. C. 5529 . . .	8.0	25 12.30	61.0	2	2.818	+ 11 43 38.9	54.5	2	8.06
6825	Weisse XVI, 462 . .	7.5	25 13.64	67.3	2	3.294	— 10 15 41.9	68.0	2	8.06
6826	O. Arg. S. 15725 . .	8.8	16 25 23.86	68.4	3	+ 3.617	— 23 59 24.2	67.4	2	— 8.05
6827	O. Arg. S. 15726 . .	8.4	25 27.16	65.5	4	3.580	— 22 31 35.0	67.5	2	8.04
6828	Anonymous . . .	8.0	25 53.68	65.5	2	3.896	— 33 55 26.2	69.0	2	8.01
6829	. . . . .	. .	. . .	. .	.	. .	. . . .	. .	.	. .
6830	Weisse (2) XVI, 787 .	7.5	26 1.15	69.4	2	2.101	+ 38 21 58.5	48.5	1	8.00

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			h. m. s.			"	° ′ ″			"
6831	Lalande 30099 . . .	8.0	16 26 1.31	60.8	3	+ 3.157	− 3 57 39.0	56.0	4	− 8.01
6832	*h* Herculis.	4.5*	26 3.30	59.8	5	2.816	+ 11 48 29.6	54.5	4	7.99
6833	O. Arg. S. 15734 . .	9.0	26 5. . .	.		3.406	− 15 13 44.3	71.4	2	7.99
6834	Weisse (2) XVI, 788 .	6.2	26 15.34	68.5	2	2.250	+ 33 48 55.8	68.7	4	7.98
6835	Lacaille 6888 . . .	6.0	26 52.30	62.8	3	+ 4.103	− 40 0 33.0	67.0	2	7.93
6836	Groombridge 2356 .	7.0	16 26 52.65	60.4	3	− 0.642	+ 71 41 45.8	55.3	6	− 7.93
6837	Lacaille 6891 . . .	7.0	27 8.13	62.9	5	+ 3.898	− 33 54 22.9	68.5	2	7.91
6838	B. A. C. 5538 . . .	4.3	27 10.94	63.8	3	3.931	− 34 57 48.9	67.5	2	7.90
6839	*τ* Scorpii	3.5*	27 10.32	59.3	22	3.723	− 27 55 18.5	62.8	4	7.90
6840	Lacaille 6894 . . .	6.8	27 25.58	65.9	2	3.953	− 35 37 28.7	69.0	2	7.88
6841	(* 67) Washington . .	9.4	16 27 45.20	62.8	6	+ 3.161	− 4 7 23.5	59.5	5	− 7.86
6842	32 Herculis.	6.0*	28 1.75	59.8	3	+ 2.338	+ 30 47 41.5	53.4	3	7.83
6843	A Draconis	5.0	28 16.29	63.1	8	− 0.148	+ 69 4 14.7	63.0	4	7.81
6844	B. A. C. 5546 . . .	6.0*	28 48.34	56.9	3	+ 2.096	+ 38 22 53.8	53.5	3	7.77
6845	Weisse XVI, 539 . .	7.1	28 54.93	66.3	4	3.258	− 8 33 49.1	65.5	3	7.76
6846	Weisse (2) XVI, 889 .	7.5	16 29 2.58	69.1	3	+ 2.183	+ 35 47 34.4	49.3	1	− 7.75
6847	B. A. C. 5549 . . .	6.0*	29 15.54	59.7	3	1.579	+ 50 26 15.1	53.5	3	7.74
6848	Weisse XVI, 544 . .	8.0	29 19.03	65.5	1	3.259	− 8 35 50.7	68.5	2	7.73
6849	*ζ* Ophiuchi	2.8	29 27.13	65.7	46	3.296	− 10 16 47.7	65.5	3	7.72
6850	*σ* Herculis	4.0*	29 35.46	55.0	4	1.932	+ 42 43 39.5	58.5	2	7.71
6851	Lacaille 6910 . . .	6.6	16 29 43.33	68.8	3	+ 4.000	− 36 55 53.5	65.0	4	− 7.69
6852	O. Arg. S. 15782 . .	9.0	29 55.62	69.5	2	3.774	− 29 36 17.4	70.4	44	7.68
6853	Lalande 30207 . . .	7.8	29 56.29	62.8	6	3.586	− 22 36 19.5	59.2	5	7.68
6854	33 Herculis.	7.5	30 3.64	48.5	1	2.912	+ 7 23 39.8	68.5	2	7.67
6855	Weisse XVI, 562 . .	8.8	30 3.91	65.2	3	3.067	+ 0 14 33.3	63.1	3	7.67
6856	O. Arg. S. 15788 . .	8.5	16 30 5.95	69.5	1	+ 3.618	− 23 50 45.5	67.4	2	− 7.67
6857	O. Arg. S. 15790 . .	7.7	30 20.92	69.5	1	3.746	− 28 37 11.2	66.8	3	7.65
6858	B. A. C. 5556 . . .	7.0	30 26.30	62.4	2	3.775	− 29 38 29.7	63.8	5	7.64
6859	B. A. C. 5557 . . .	7.0	30 28.59	62.5	2	3.791	− 30 10 57.0	61.2	3	7.64
6860	Weisse XVI, 575 . .	8.0	30 37.94	64.9	2	3.065	+ 0 19 59.9	68.5	2	7.63
6861	Anonymous	9.0	16 30 41.57	70.9	2	+ 3.680	− 26 10 44.9	57.0	6	− 7.62
6862	Lacaille 6922 . . .	7.0	31 6.47	65.5	2	3.891	− 33 27 45.3	66.5	2	7.59
6863	Lacaille 6924 . . .	7.0	31 22.70	65.9	2	3.952	− 35 24 27.3	68.0	2	7.56
6864	Lacaille 6923 . . .	8.0	31 24.58	65.5	2	4.001	− 36 52 27.6	65.5	3	7.56
6865	B. A. C. 5562 . . .	7.0	31 24.86	64.5	2	3.749	− 28 39 32.0	64.2	3	7.56
6866	B. A. C. 5564 . . .	7.6	16 31 30.82	63.5	2	+ 3.670	− 25 46 48.9	68.5	2	− 7.55
6867	O. Arg. S. 15811 . .	8.2	31 35.08	68.4	2	3.681	− 26 10 23.1	57.0	6	7.55
6868	O. Arg. S. 15812 . .	8.0	31 36.87	65.4	2	3.677	− 26 2 32.7	68.5	2	7.54
6869	B. A. C. 5567 . . .	6.0	32 19.34	47.4	1	3.527	− 20 7 55.8	69.0	2	7.49
6870	Lalande 30327 . . .	6.8	32 30.51	68.5	2	2.110	+ 37 46 25.6	48.5	1	7.47

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			h. m. s.			"	° ′ ″			"
6871	Weisse XVI, 619 . .	7.0	16 32 33.50	65.4	4	+ 3.198	− 5 47 56.3	68.5	2	− 7.47
6872	Lacaille 6931 . . .	7.0	32 40.80	65.5	2	3.864	− 32 32 44.3	68.5	2	7.46
6873	Lacaille 6930 . . .	6.0	32 42.11	63.6	2	3.875	− 32 52 4.3	66.5	2	7.46
6874	Anonymous . . .	. .	32 48.46	69.5	1	3.864	− 32 32 4.5	68.5	2	7.45
6875	B. A. C. 5569 . . .	7.4	32 55.32	62.5	2	3.719	− 27 31 59.0	69.0	2	7.44
6876	O. Arg. S. 15834 . .	8.0	16 32 57.70	67.0	2	+ 3.628	− 24 7 32.6	68.5	2	− 7.44
6877	B. A. C. 5571 . . .	6.8	33 7.25	63.8	7	3.630	− 24 11 31.7	64.9	5	7.42
6878	Lacaille 6933 . . .	7.0*	33 10.	. .	..	4.001	− 36 48 9.4	63.5	2	7.42
6879	B. A. C. 5572 . . .	7.0	33 12.41	64.2	5	3.797	− 30 15 16.3	64.2	3	7.41
6880	Weisse (2) XVI, 1075 .	7.5	34 17.76	69.5	2	2.078	+ 38 37 20.4	47.5	2	7.41
6881	B. A. C. 5576 . . .	7.6	16 33 19.60	62.6	2	+ 3.756	− 28 50 50.8	69.5	2	− 7.41
6882	Anonymous . . .	8.5	33 28.29	69.5	1	4.087	− 39 14 15.9	68.0	2	7.39
6883	24 Scorpii	5.0*	33 28.77	61.1	9	3.463	− 17 28 4.0	69.1	2	7.39
6884	Weisse XVI, 637 . .	9.2	33 32.40	64.5	5	+ 3.069	+ 0 7 24.5	63.1	3	7.39
6885	Radcliffe 3589 . . .	6.0	33 36.74	63.5	2	− 3.484	+ 79 15 32.3	69.5	2	7.38
6886	B. A. C. 5580 . . .	6.5	16 33 40.10	60.2	3	+ 3.516	− 19 39 9.1	56.3	5	− 7.38
6887	O. Arg. S. 15850 . .	8.0	33 48.25	69.4	2	3.431	− 16 5 22.8	66.0	2	7.37
6888	B. A. C. 5583 . . .	8.0	34 3.28	62.5	2	4.148	− 40 50 54.6	69.5	3	7.35
6889	Anonymous . . .	8.0	34 8.17	62.5	1	3.796	− 30 11	. .	.	7.34
6890	B. A. C. 5584 . . .	6.5	34 11.41	62.5	2	4.148	− 40 50 34.6	69.5	3	7.34
6891	Anonymous . . .	8.0	16 34 28.33	68.5	2	+ 3.684	− 26 11 13.0	57.0	6	− 7.31
6892	B. A. C. 5589 . . .	7.0*	34 37.61	69.4	2	3.819	− 30 57 25.9	62.5	2	7.30
6893	B. A. C. 5588 . . .	6.5*	34 38.88	59.5	3	3.845	− 31 50 8.7	57.2	3	7.30
6894	O. Arg. S. 15868 . .	8.5	34 43.27	65.5	3	3.552	− 21 4 17.7	69.5	2	7.29
6895	Radcliffe 3588 . . .	6.0	34 43.41	61.5	2	1.632	+ 49 8 22.9	70.5	2	7.29
6896	Anonymous . . .	7.8	16 34 53.71	69.1	3	+ 2.082	+ 38 28 30.0	46.5	1	− 7.29
6897	42 Herculis	5.0*	34 56.96	60.7	4	1.628	+ 49 12 12.9	55.8	6	7.27
6898	Anonymous . . .	7.0	35 8.55	69.0	2	4.086	− 39 7 28.7	67.2	3	7.25
6899	B. A. C. 5597 . . .	6.0*	35 12.28	59.5	3	2.487	+ 25 7 51.8	53.4	3	7.25
6900	B. A. C. 5595 . . .	7.5	35 13.18	66.5	2	3.695	− 26 32 14.7	65.5	2	7.25
6901	Lalande 30419 . . .	7.3	16 35 19.46	68.5	1	+ 2.111	+ 37 37 48.2	48.5	1	− 7.24
6902	O. Arg. S. 15881 . .	7.6	35 21.54	64.5	4	3.536	− 20 25 39.8	64.5	3	7.24
6903	B. A. C. 5598 . . .	7.0	35 24.91	60.5	2	3.598	− 22 51 41.0	55.5	3	7.24
6904	B. A. C. 5600 . . .	7.7	35 39.45	62.8	3	3.713	− 27 11 21.0	64.5	2	7.22
6905	39 Herculis	5.8	35 56.06	62.5	3	2.431	+ 27 11 18.5	68.0	2	7.19
6906	ζ Herculis	3.0*	16 36 0.54	59.5	34	+ 2.296	+ 31 51 29.4	57.8	3	− 7.19
6907	O. Arg. S. 15896 . .	7.3	36 6.	. .	.	3.713	− 27 11 23.9	71.5	2	7.18
6908	B. A. C. 5603 . . .	6.4	36 15.08	62.6	2	3.743	− 28 14 41.8	65.0	2	7.17
6909	B. A. C. 5605 . . .	6.6	36 24.39	61.6	4	3.809	− 30 32 37.3	57.5	4	7.15
6910	Lacaille 6965 . . .	6.5	36 27.37	65.5	2	3.901	− 33 35 3.3	66.5	2	7.15

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			h. m. s.			"	° ′ ″			"
6911	15 Ophiuchi	7.0*	16 36 43.55	60.5	2	+ 3.600	− 22 55 10.3	58.9	5	− 7.13
6912	B. A. C. 5607 . . .	7.8	36 47.62	62.6	2	3.753	− 28 34 39.3	67.2	3	7.12
6913	B. A. C. 5608 . . .	7.3	37 10.45	62.8	3	3.691	− 26 23 10.8	65.5	2	7.09
6914	Lacaille 6970 . . .	5.5	37 13.58	68.5	2	4.089	− 39 6 57.9	68.8	3	7.09
6915	Lacaille 6976 . . .	7.5	37 37.36	65.5	2	3.875	− 32 41 16.7	68.8	3	7.06
6916	O. Arg. S. 15923 . .	7.6	16 37 54.69	68.4	2	+ 3.716	− 27 13 19.7	64.5	2	− 7.03
6917	B. A. C. 5612 . . .	7.3	37 55.19	64.2	3	3.830	− 31 11 37.9	61.2	3	7.03
6918	Lalande 30545 . . .	7.8	38 3.30	62.0	3	0.657	+ 62 35 29.2	69.5	2	7.02
6919	B. A. C. 5615 . . .	6.0*	38 4.73	59.8	3	2.136	+ 36 46 25.7	53.5	3	7.02
6920	η Herculis.	4.5	38 5.83	51.0	12	2.051	+ 39 11 23.1	69.8	3	7.02
6921	25 Scorpii	7.2	16 38 17.29	61.9	7	+ 3.663	− 25 16 11.4	65.6	2	− 7.00
6922	B. A. C. 5619 . . .	6.0*	38 41.66	59.5	2	2.217	+ 34 17 54.3	53.5	4	6.97
6923	Lalande 30479 . . .	8.0	38 42.38	61.0	2	3.524	− 19 50 24.9	56.5	5	6.97
6924	O. Arg. S. 15950 . .	7.4	39 8.37	64.5	4	3.759	− 28 42 5.5	67.5	2	6.93
6925	B. A. C. 5622 . . .	7.0	39 27.78	65.4	2	3.825	− 30 56 56.7	60.5	4	6.90
6926	O. Arg. N. 16481 . .	6.8	16 39 33.35	61.5	4	+ 0.653	+ 62 34 25.8	69.5	2	− 6.90
6927	Lalande 30506 . . .	8.2	39 33.68	68.5	2	3.520	− 19 37 10.6	56.5	2	6.90
6928	B. A. C. 5623 . . .	6.7	39 43.39	63 0	4	3.638	− 24 16 19.9	64.5	2	6.88
6929	B. A. C. 5625 . . .	7.5*	39 50.46	59.8	4	3.017	+ 2 29 28.5	54.4	3	6.87
6930	Weisse XVI, 758 . .	9.0	39 54.98	65.5	2	3.203	− 5 58 9.7	68.5	2	6.87
6931	Weisse XVI, 760 . .	7.7	16 39 56.86	65.5	2	+ 3.206	− 6 4 58.0	69.0	2	— 6.86
6932	g Draconis	5.0*	39 57.37	61.5	2	0.396	+ 64 51 16.4	58.5	2	6.86
6933	19 Ophiuchi	6.0*	40 6.35	47.5	1	3.021	+ 2 19 12.7	69.6	2	6.85
6934	Lacaille 6987 . . .	6.5*	40 10.02	65.5	2	3.912	− 33 45 48.9	65.0	2	6.85
6935	O. Arg. S. 15977 . .	7.4	40 27.60	63.5	2	3.434	− 16 4 18.9	65.5	2	6.82
6936	B. A. C. 5630 . . .	7.5	16 40 34.46	65.3	5	+ 3.840	− 31 24 4.7	69.0	2	− 6.81
6937	Anonymous . . .	8.5	41 3.50	62.6	1	3.643	− 24 24 34.0	67.2	3	6.77
6938	ε Scorpii	4.8	41 6.43	50.5	7	3.922	− 34 2 8.2	69.0	2	6.77
6939	Weisse XVI, 780 . .	8.0*	41 7.48	47.4	1	3.042	+ 1 20 34.6	70.5	2	6.77
6940	18 Ophiuchi	7.0	41 13.35	60.0	12	3.643	− 24 23 29.3	66.0	4	6.76
6941	Lalande 30556 . . .	7.5	16 41 31.63	61.2	3	+ 3.700	− 26 29 37.5	56.6	8	− 6.73
6942	Anonymous . . .	10.0	41 32.62	67.0	2	3.162	− 4 5	. .	.	6.73
6943	Lacaille 6999, (1st *) .	6.6	41 34.18	63.5	2	4.030	− 37 16 2.6	67.0	2	6.73
6944	Lacaille 6999, (2d *) .	9.1	41 34.26	63.5	2	4.030	− 37 16	. .	.	6.73
6945	Anonymous . . .	8.5	41 37.33	68.5	2	3.799	− 30 0 26.9	66.0	2	6.73
6946	Weisse XVI, 792, (1st *)	8.5	16 41 41.31	63.1	5	+ 3.180	− 4 53 35.7	56.2	3	− 6.72
6947	Weisse XVI, 794 . .	7.0	41 41.74	70.0	2	2.762	+ 13 50 27.4	69.6	2	6.72
6948	Weisse XVI, 792, (2d *)	8.5	41 44.96	63.3	6	3.180	− 4 53 53.5	56.2	3	6.71
6949	Anonymous . . .	8.5	41 47.	. .	.	3.841	− 31 23 21.8	69.0	2	6.71
6950	20 Ophiuchi	5.0*	42 5.52	60.7	7	3.306	− 10 31 56.3	65.5	2	6.69

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			h. m. s.			″	° ′ ″			″
6951	Anonymous . . .	7.5	16 42 23.43	63.2	2	+ 4.147	− 40 25 55.2	66.5	1	− 6.66
6952	μ^1 Scorpii	3.3	42 23.49	66.5	2	4.050	− 37 48 11.1	65.5	2	6.66
6953	Lalande 30600 . . .	9.0	42 41.80	60.5	2	3.521	− 19 35 33.6	55.5	3	6.64
6954	Weisse (2) XVI, 1341 .	6.5	42 44.40	68.5	2	2.093	+ 37 48 37.3	46.5	2	6.63
6955	B. A. C. 5639 . . .	6.6	42 44.62	66.3	2	4.149	− 40 28 47.9	67.0	2	6.63
6956	B. A. C. 5641 . . .	7.6	16 42 49.18	62.9	4	+ 3.650	− 24 35 24.9	66.5	2	− 6.63
6957	μ^2 Scorpii	4.5	42 51.45	60.5	3	4.050	− 37 46 28.8	65.5	2	6.62
6958	Anonymous . . .	8.8	42 54.08	68.5	2	3.804	− 30 7 49.4	68.5	1	6.62
6959	Anonymous . . .	. .	43 5.	. .	.	4.148	− 40 25 55.1	67.5	1	6.61
6960	Lacaille 7011 . . .	6.4	43 9.47	63.5	2	4.036	− 37 21 24.6	71.9	4	6.60
6961	O. Arg. S. 16031 . .	7.7	16 43 10.21	69.5	1	+ 3.567	− 21 24 40.4	69.0	2	− 6.60
6962	Anonymous . . .	7.0	43 11.34	66.5	3	3.705	− 26 37 49.2	56.4	5	6.60
6963	Anonymous . . .	7.0	43 25.24	69.5	2	4.016	− 36 46 8.2	67.0	2	6.57
6964	Anonymous . . .	7.2	43 33.22	68.5	2	3.707	− 26 40 39.3	56.4	4	6.57
6965	B. A. C. 5650 . . .	7.6	43 40.86	62.5	3	3.671	− 25 21 33.7	67.1	2	6.56
6966	48 Herculis	6.5*	16 43 48.54	54.7	5	+ 2.336	+ 30 12 24.9	53.4	3	− 6.55
6967	Anonymous . . .	8.2	43 54.47	47.6	1	3.203	− 5 55 58.6	71.0	2	6.54
6968	Lacaille 7023 . . .	6.5	44 1.33	61.5	2	3.894	− 33 2 32.0	72.5	2	6.53
6969	B. A. C. 5653 . . .	7.2	44 6.08	63.6	2	3.851	− 31 38 26.3	70.5	3	6.52
6970	O. Arg. S. 16045 . .	8.5	44 8.95	62.9	5	3.510	− 19 6 54.1	62.1	5	6.52
6971	Anonymous . . .	. .	16 44 10.	. .	.	+ 3.560	− 21 7 1.5	57.6	2	− 6.52
6972	O. Arg. S. 16046 . .	7.0	44 12.68	68.5	3	3.808	− 30 11 27.1	66.1	3	6.51
6973	O. Arg. S. 16050 . .	7.5	44 16.26	69.0	2	3.703	− 26 30 41.1	56.5	4	6.51
6974	Weisse XVI, 845 . .	7.8	44 21.44	64.5	3	3.264	− 8 37 23.5	65.0	2	6.50
6975	Weisse XVI, 854 . .	7.2	44 46.72	64.9	5	3.195	− 5 32 56.2	68.0	2	6.47
6976	O. Arg. S. 16060 . .	8.1	16 44 48.53	68.5	3	+ 3.808	− 30 10 8.5	67.0	2	− 6.46
6977	Weisse XVI, 859 . .	7.7	45 4.55	63.8	10	3.181	− 4 54 41.8	59.2	3	6.44
6978	B. A. C. 5663 . . .	6.5*	45 9.42	60.0	2	3.537	− 20 10 38.7	58.3	6	6.43
6979	B. A. C. 5665 . . .	7.5	45 10.58	62.5	2	3.818	− 30 31 2.0	70.0	2	6.43
6980	50 Herculis	5.0	45 11.17	48.1	2	2.339	+ 30 2 52.0	70.9	5	6.43
6981	Anonymous. . . .	7.7	16 45 31.26	62.6	4	+ 3.818	− 30 29 5.7	68.5	2	− 6.40
6982	Anonymous. . . .	9.0	45 31.66	65.5	1	3.586	− 22 5 35.8	70.5	2	6.40
6983	Anonymous. . . .	8.8	45 33.85	68.8	2	3.704	− 26 30 20.7	56.5	4	6.40
6984	B. A. C. 5671 . . .	6.4	45 40.33	62.9	5	3.814	− 30 21 11.9	66.0	2	6.39
6985	O. Arg. S. 16076 . .	8.0	45 42.36	64.5	2	3.510	− 19 4 38.4	69.0	2	6.39
6986	B. A. C. 5673 . . .	7.1	16 45 45.12	64.2	4	+ 3.679	− 25 35 38.7	63.5	2	− 6.38
6987	B. A. C. 5672 . . .	7.2	45 49.49	67.4	3	3.826	− 30 44 41.1	65.7	4	6.38
6988	Weisse XVI, 873 . .	7.5	45 55.12	71.5	1	3.066	+ 0 15 46.6	71.4	2	6.37
6989	O. Arg. S. 16082 . .	7.8	45 56.15	66.0	2	3.679	− 25 34 43.8	63.5	2	6.37
6990	51 Herculis.	5.5*	45 57.10	59.8	3	2.484	+ 24 53 38.8	53.5	3	6.37

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			h. m. s.			"	° ′ ″			"
6991	B. A. C. 5678 . . .	6.8	16 46 9.93	64.3	11	+ 3.839	− 31 10 6.3	62.5	6	− 6.35
6992	22 Ophiuchi	6.7	46 23.33	61.6	5	3.618	− 23 16 3.0	58.5	3	6.33
6993	Lalande 30745 . . .	7.0	46 31.19	68.5	2	2.074	+ 38 11 23.0	48.5	1	6.32
6994	Anonymous . . .	7.5	46 34.72	63.5	1	3.838	− 31 6 0.9	64.5	2	6.31
6995	O. Arg. S. 16100 . .	7.6	46 42.35	64.5	1	3.777	− 29 2 44.7	66.6	2	6.30
6996	Anonymous . . .	8.5	16 46 43.99	71.5	1	+ 4.030	− 37 1 41.6	69.6	1	− 6.30
6997	Anonymous . . .	7.5	46 44.07	69.5	2	4.027	− 36 57 24.8	68.2	3	6.30
6998	B. A. C. 5684 . . .	7.2	46 52.98	63.8	8	3.842	− 31 14 21.9	62.5	4	6.29
6999	B. A. C. 5686 . . .	8.0*	47 0.40	59.5	5	3.716	+ 15 38 29.1	54.5	4	6.28
7000	23 Ophiuchi	6.0	47 6.82	61.0	4	3.204	− 5 55 18.3	68.0	2	6.27
7001	B. A. C. 5687 . . .	7.2	16 47 9.14	62.2	4	+ 3.672	− 25 18 14.0	65.5	2	− 6.27
7002	Anonymous . . .	8.5	47 13.73	69.5	2	3.808	− 30 5 20.4	63.4	1	6.26
7003	Anonymous . . .	7.4	47 14.35	64.8	4	3.844	− 31 17 26.2	66.6	1	6.26
7004	B. A. C. 5690 . . .	7.0	47 18.77	63.6	3	3.838	− 31 4 39.7	63.4	4	6.25
7005	ι Ophiuchi	4.0*	47 23.09	55.8	3	2.839	+ 10 23 54.8	54.5	3	6.25
7006	53 Herculis	5.0*	16 47 39.53	55.2	4	+ 2.280	+ 31 56 7.6	53.5	4	− 6.23
7007	O. Arg. S. 16121 . .	7.0	47 42.23	68.8	3	3.816	− 30 21 9.3	67.0	2	6.23
7008	B. A. C. 5695 . . .	6.6	47 57.13	62.8	3	3.450	− 16 34 46.9	67.5	2	6.20
7009	Weisse XVI, 912 . .	9.0	48 12.94	61.7	5	3.182	− 4 56 20.6	56.0	4	6.18
7010	Anonymous . . .	9.5	48 14.19	71.4	2	3.810	− 30 7 43.8	68.5	1	6.17
7011	Weisse XVI, 913 . .	7.0	16 48 19.65	65.4	3	+ 3.203	− 5 53 37.2	68.0	2	− 6.17
7012	24 Ophiuchi	6.0	48 21.50	67.5	2	3.610	− 22 55 26.9	66.0	2	6.17
7013	Anonymous . . .	8.8	48 47.51	68.5	2	3.706	− 26 27 34.4	65.8	3	6.13
7014	B. A. C. 5700, (1st*) .	7.5	48 50.29	70.5	1	3.518	− 19 18 57.3	68.5	1	6.13
7015	B. A. C. 5700, (2d *) .	5.5	48 50.69	52.2	4	3.518	− 19 18 55.3	68.5	2	6.13
7016	Anonymous . . .	. .	16 49 12.58	69.5	5	+ 3.807	− 29 58 59.9	63.4	1	− 6.09
7017	54 Herculis.	5.5*	49 13.04	60.2	2	2.642	+ 18 39 33.8	54.4	3	6.10
7018	Lalande 30788 . . .	8.5	49 20.58	60.0	2	+ 3.575	− 21 33 3.3	56.6	4	6.09
7019	B. A. C. 5705 . . .	6.0*	49 22.80	69.0	2	− 2.798	+ 77 45 10.7	62.5	3	6.09
7020	Lacaille 7065 . . .	6.1	49 24.09	63.5	2	+ 4.046	− 37 23 52.7	68.1	2	6.08
7021	B. A. C. 5704 . . .	6.7	16 49 39.00	65.0	5	+ 3.689	− 25 50 15.5	67.1	2	− 6.06
7022	Anonymous . . .	. .	49 41.90	69.5	1	3.808	− 29 59 5.7	63.4	1	6.05
7023	O. Arg. S. 16158 . .	8.5*	49 49.10	60.6	2	3.718	− 26 53 24.9	56.7	5	6.04
7024	Weisse (2) XVI, 1533.	7.0	49 49.16	59.6	2	2.716	+ 15 36 28.8	54.5	3	6.05
7025	O. Arg. S. 16163 . .	8.6	49 59.02	69.4	2	3.716	− 26 47 45.2	58.0	2	6.03
7026	Lalande 30851 . . .	7.8	16 50 7.66	69.5	2	+ 2.092	+ 37 32 50.5	48.5	1	− 6.02
7027	Anonymous. . . .	. .	50 9.	. .	.	3.690	− 25 50 13.8	62.5	2	6.02
7028	B. A. C. 5706 . . .	6.0*	50 17.98	60.5	2	1.715	+ 46 46. 0.5	53.5	3	6.01
7029	O. Arg. S. 16168 . .	8.2	50 42.03	60.8	3	3.721	− 26 57 37.4	59.8	6	5.97
7030	Weisse XVI, 958 . .	8.0	50 55.71	64.9	6	3.164	− 4 7 22.0	64.9	3	5.95

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			h. m. s.			"	° ′ ″			"
7031	κ Ophiuchi	3.4*	16 51 2.51	63.2	87	+ 2.856	+ 9 35 43.9	60.7	8	— 5.94
7032	B. A. C. 5709 . . .	6.2	51 23.58	62.5	3	3.664	— 24 52 32.5	65.9	2	5.92
7033	O. Arg. S. 16184 . .	8.3	51 28.63	69.0	2	3.810	— 30 1 23.4	65.9	2	5.91
7034	26 Ophiuchi	6.0	51 35.21	62.5	3	3.662	— 24 46 16.8	66.0	2	5.90
7035	Anonymous . . .	9.5	51 44.28	69.5	1	4.039	— 37 7 3.4	63.2	2	5.88
7036	B. A. C. 5716 . . .	7.0	16 52 17.86	59.6	3	+ 3.713	+ 15 39 54.5	54.5	4	— 5.85
7037	Weisse XVI, 981 . .	7.2	52 26.08	64.6	3	3.162	— 4 0 25.9	67.5	2	5.83
7038	Anonymous. . . .	8.2	52 28.31	69.3	4	4.039	— 37 5 25.0	66.1	4	5.82
7039	Anonymous. . . .	7.7	52 30.09	69.0	2	2.058	+ 38 24 39.3	48.5	1	5.82
7040	Lacaille 7087 . . .	6.8	52 34.88	69.0	2	3.908	— 33 9 19.4	68.5	4	5.79
7041	O. Arg. S. 16206 . .	7.8	16 52 36.40	63.0	6	+ 3.725	— 27 2 19.9	68.9	6	— 5.81
7042	O. Arg. S. 16208 . .	9.0	52 45.19	66.0	2	3.726	— 27 3 43.3	61.4	4	5.80
7043	B. A. C. 5718 . . .	5.5	52 49.64	67.0	2	3.870	— 31 55 56.2	65.6	2	5.79
7044	O. Arg. S. 16213 . .	7.0	52 57.76	69.5	2	3.545	— 20 13 30.2	69.5	4	5.78
7045	O. Arg. S. 16223 . .	7.0	53 13.22	65.4	2	3.506	— 18 43 28.7	67.5	2	5.76
7046	B. A. C. 5721 . . .	7.2	16 53 23.93	64.5	1	+ 3.874	— 32 2 58.7	70.5	2	— 5.75
7047	29 Ophiuchi	6.0	53 40.07	65.4	3	3.505	— 18 40 31.3	67.5	2	5.72
7048	Lacaille 7091 . . .	7.0	53 40.69	71.5	3	4.143	— 39 52 48.3	71.5	4	5.72
7049	30 Ophiuchi	5.8	53 40.70	64.5	2	3.162	— 4 0 33.6	67.7	3	5.72
7050	O. Arg. S. 16233 . .	7.0	53 44.66	67.0	2	3.548	— 20 23 9.7	67.0	2	5.72
7051	Weisse XVI, 1011 . .	8.6	16 53 55.21	64.5	2	+ 3.162	— 4 0 29.9	68.6	3	— 5.70
7052	Anonymous. . . .	8.5	54 11.46	68.5	1	4.037	— 36 57 20.6	65.4	2	5.69
7053	O. Arg. S. 16240 . .	7.5	54 22.09	68.5	2	3.722	— 26 53 30.3	63.0	2	5.67
7054	Anonymous. . . .	8.5	54 34.45	69.5	2	3.811	— 29 55 53.7	67.0	2	5.65
7055	Weisse XVI, 1033 . .	9.0*	54 51.36	59.6	2	3.277	— 9 4 36.1	47.6	1	5.62
7056	ε Herculis. . . .	5.5	16 54 56.06	48.2	5	+ 2.297	+ 31 8 6.9	72.5	2	— 5.61
7057	B. A. C. 5730 . . .	7.3	54 58.83	62.6	7	3.644	— 24 2 12.1	59.2	12	5.61
7058	O. Arg. S. 16256 . .	7.5	55 5.84	64.5	2	3.521	— 19 17 12.2	67.0	2	5.60
7059	Anonymous. . . .	9.0	55 9.70	69.5	1	3.646	— 24 4 38.6	70.5	2	5.60
7060	B. A. C. 5732 . . .	6.0*	55 11.19	59.5	3	2.724	+ 15 9 24.0	53.4	3	5.60
7061	O. Arg. S. 16262 . .	7.5	16 55 19.14	63.5	2	+ 3.727	— 27 0 40.1	56.8	5	— 5.59
7062	O. Arg. N. 16707 . .	8.7	55 22.03	62.2	3	0.847	+ 60 0 30.1	67.6	2	5.58
7063	28 Ophiuchi	6.7	55 24.07	63.5	3	3.684	— 25 29 40.6	65.0	2	5.58
7064	Anonymous. . . .	8.3	55 25.48	67.5	2	3.646	— 24 5 25.3	70.0	3	5.58
7065	Weisse XVI, 1046 . .	9.0	55 35.	. .	.	3.277	— 9 3 45.3	71.5	1	5.56
7066	Weisse XVI, 1048 . .	9.5	16 55 36.45	71.5	1	+ 3.277	— 9 3 58.0	70.8	4	— 5.56
7067	B. A. C. 5737 . . .	6.0	55 38.63	84.2	4	3.766	— 28 22 17.1	67.6	2	5.56
7068	B. A. C. 5739 . . .	7.2	55 46.24	63.0	4	3.849	— 31 9 43.4	61.7	5	5.55
7069	B. A. C. 5741 . . .	7.0*	55 50.	. .	.	3.674	— 25 7 2.7	62.5	1	5.54
7070	B. A. C. 5742 . . .	7.2	55 56.04	62.4	7	3.645	— 24 2 20.4	58.7	8	5.53

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			h. m. s.			″	° ′ ″			″
7071	Anonymous. . . .	7.9	16 55 56.48	63.0	2	+ 3.850	− 31 10 17.1	69.0	2	− 5.53
7072	Anonymous. . . .	8.8	55 57.53	68.6	3	3.776	− 28 42 48.4	64.5	2	5.53
7073	B. A. C. 5743 . . .	7.0	55 59.75	63.9	5	3.623	− 23 11 19.9	64.5	3	5.53
7074	31 Ophiuchi	6.4	56 6.96	63.5	4	+ 3.683	− 25 26 29.2	68.0	2	5.52
7075	Groombridge 2404 . .	8.2	56 25.17	57.8	3	− 1.170	+ 73 8 10.7	55.5	3	5.49
7076	*d* Herculis.	6.0	16 56 26.25	68.8	9	+ 2.212	+ 33 46 22.9	68.0	2	− 5.49
7077	B. A. C. 5746 . . .	7.5*	56 27.81	60.2	3	3.548	− 20 17 37.6	69.2	4	5.49
7078	Weisse (2) XVI, 1735 .	6.0	56 34.33	67.1	2	2.453	+ 25 42 21.1	69.5	2	5.48
7079	O. Arg. N. 16722 . .	9.0	56 39.50	62.6	2	0.843	+ 60 0 27.3	67.6	2	5.47
7080	O. Arg. S. 16298 . .	7.5	56 46.54	63.0	2	3.680	− 25 16 45.0	66.5	2	5.46
7081	B. A. C. 5748 . . .	6.0	16 56 48.24	57.5	2	+ 3.320	− 10 53 18.6	69.1	2	− 5.46
7082	Lacaille 7123 . . .	6.2	56 52.70	68.6	3	4.043	− 37 1 48.8	67.1	3	5.45
7083	Anonymous. . . .	8.0	56 55.84	68.5	2	4.038	− 36 54 7.6	66.9	2	5.44
7084	B. A. C. 5750 . . .	7.0	57 6.93	64.5	4	3.776	− 28 40 34.9	66.5	2	5.43
7085	B. A. C. 5756 . . .	7.0	57 34.79	61.9	2	3.814	− 29 57 15.4	65.5	4	5.40
7086	Lalande 31055 . . .	6.7	16 57 45.80	65.5	2	+ 3.181	− 4 49 38.4	67.6	1	− 5.38
7087	Anonymous. . . .	7.5	58 0.83	68.5	2	4.047	− 37 6 53.6	68.0	2	5.36
7088	B. A. C. 5759 . . .	6.4	58 12.92	62.5	3	3.710	− 26 19 8.7	62.9	2	5.34
7089	Lacaille 7133 . . .	6.0	58 29.55	66.4	2	4.186	− 40 50 1.8	70.2	3	5.32
7090	Dorpat 2119 (1st *) . .		58 34.47	64.5	2	3.387	− 13 44 23.5	68.5	2	5.31
7091	Dorpat 2119, (2d *) . .		16 58 34.50	64.5	2	+ 3.387	− 13 44 23.5	68.5	2	− 5.31
7092	B. A. C. 5762 . . .	6.8	58 44.67	66.0	2	3.843	− 30 53 6.8	67.5	2	5.30
7093	60 Herculis.	6.0	58 53.03	48.5	1	+ 2.776	+ 12 56 8.9	69.1	2	5.29
7094	B. A. C. 5769 . . .	7.0	59 4.75	58.9	5	− 1.238	+ 73 20 17.4	56.6	9	5.27
7095	B. A. C. 5767 . . .	6.7	59 21.64	60.7	5	+ 3.669	− 24 48 31.3	54.5	3	5.24
7096	B. A. C. 5768 . . .	5.8	16 59 51.16	63.6	4	+ 3.824	− 30 12 49.4	67.8	3	− 5.20
7097	O. Arg. S. 16352 . .	9.0	59 54.88	55.5	2	3.720	− 26 38 55.3	63.4	2	5.20
7098	B. A. C. 5771 . . .	6.0	17 0 7.26	61.2	3	3.477	− 17 25 10.6	54.5	3	5.18
7099	O. Arg. S. 16360 . .	9.2	0 7.98	66.0	2	3.654	− 24 14 10.7	68.1	2	5.18
7100	O. Arg. S. 16366 . .	8.5	0 21.49	69.5	2	+ 3.736	− 27 12 41.0	56.4	4	5.17
7101	*e* Ursæ Minoris . . .	4.2	17 0 26.78	57.7	114	− 6.437	+ 82 15 40.0	53.7	71	− 5.16
7102	Anonymous. . . .	9.6	0 43.20	66.0	2	+ 3.652	− 24 10 26.1	63.1	2	5.13
7103	B. A. C. 5775 . . .	6.0	0 49.16	59.5	2	1.824	+ 44 0 14.0	53.4	3	5.12
7104	B. A. C. 5774 . . .	5.8	1 0.54	45.5	2	3.092	− 0 53 30.6	68.5	2	5.11
7105	Lalande 31166 . . .	7.0	1 38.69	65.5	2	3.556	− 20 29 50.7	68.0	2	5.05
7106	*μ* Ophiuchi	3.4	17 2 21.04	53.5	38	+ 3.432	− 15 32 53.0	57.5	6	− 4.99
7107	B. A. C. 5782 . . .	5.5	2 36.15	70.6	2	4.133	− 39 19 37.9	69.9	3	4.97
7108	Lacaille 7160 . . .	6.0	2 39.92	67.5	2	4.108	− 38 38 37.2	70.0	4	4.97
7109	Lalande 31199 . . .	6.8	2 45.82	65.5	4	3.556	− 20 28 14.7	68.0	2	4.96
7110	O. Arg. S. 16420 . .	7.5	2 55.26	64.5	3	3.719	− 26 31 26.5	68.0	2	4.94

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			h. m. s.			″	° ′ ″			″
7111	B. A. C. 5788 . . .	5.0*	17 3 4.28	59.8	5	+ 2.126	+ 36 7 9.0	51.4	9	— 4.93
7112	B. A. C. 5790 . . .	5.5*	3 12.78	59.6	2	+ 1.957	+ 40 42 3.2	53.6	3	4.92
7113	Groombridge 2418. .	7.5	3 21.10	62.0	6	— 1.274	+ 73 23 22.0	53.8	8	4.91
7114	B. A. C. 5789 . . .	7.1	3 28.52	62.5	2	+ 3.729	— 26 51 48.0	65.6	2	4.90
7115	Lacaille 7163 . . .	6.6	3 37.30	64.5	4	4.077	— 37 46 42.3	66.5	2	4.88
7116	B. A. C. 5791 . . .	6.2	17 3 37.68	62.2	4	+ 3.679	— 25 4 41.3	62.2	4	— 4.88
7117	B. A. C. 5792 . . .	6.2	3 39.25	63.3	5	3.750	— 27 35 6.8	65.0	2	4.88
7118	B. A. C. 5793 . . .	5.8	3 52.68	63.5	2	3.891	— 32 15 52.5	61.2	3	4.86
7119	O. Arg. S. 16450 . .	7.5	3 55.34	65.5	2	+ 3.678	— 25 3 2.7	62.2	4	4.86
7120	Groombridge 2420. .	8.0	4 16.52	60.5	3	— 1.310	+ 73 30 15.5	53.0	4	4.83
7121	Weisse XVII, 46 . .	7.2	17 4 18.60	64.8	6	+ 3.173	— 4 27 55.3	64.6	2	— 4.83
7122	Lacaille 7168 . . .	6.0	4 19.44	68.5	2	4.090	— 38 7 21.5	65.6	2	4.82
7123	Anonymous. . . .	8.5	4 30.19	69.5	2	3.986	— 35 8 8.4	70.5	1	4.81
7124	Lacaille 7171 . . .	7.0	4 45.82	69.5	2	4.146	— 39 35 49.2	68.2	3	4.78
7125	Weisse (2) XVII, 107 .	6.6	4 49.74	68.5	2	2.040	+ 38 28 12.5	47.5	2	4.78
7126	Anonymous		17 4 51.	. .	.	+ 3.986	— 35 7 59.5	63.5	1	— 4.78
7127	B. A. C. 5795 . . .	6.7	4 51.15	62.4	6	1.467	+ 51 1 15.0	55.3	5	4.78
7128	O. Arg. S. 16477 . .	9.0	5 14.51	65.5	3	3.647	— 23 52 46.7	67.5	2	4.75
7129	B. A. C. 5796 . . .	6.9	5 15.85	66.4	2	3.752	— 27 37 35.9	62.4	4	4.74
7130	B. A. C. 5800 . . .	7.2	5 31.30	62.6	3	3.729	— 26 48 45.2	65.5	2	4.72
7131	Anonymous . . .	7.2	17 5 47.41	66.5	3	+ 3.935	— 33 34 43.4	68.5	2	— 4.70
7132	Lacaille 7174 . . .	6.0	5 48.40	68.6	2	4.089	— 38 2 45.9	67.2	3	4.70
7133	Weisse XVII, 83 . .	8.0*	5 57.52	47.6	2	3.281	— 9 6 48.5	47.6	2	4.68
7134	O. Arg. S. 16497 . .	8.1	6 15.89	65.5	4	3.648	— 23 53 35.9	67.5	2	4.66
7135	O. Arg. S. 16505 . .	7.9	6 31.87	63.6	3	3.717	— 26 21 56.4	64.1	3	4.64
7136	O. Arg. S. 16503 . .	8.0	17 6 32.31	68.6	1	+ 3.826	— 30 6 0.8	67.0	2	— 4.64
7137	O. Arg. S. 16511 . .	6.5	6 33.18	66.6	2	3.566	— 20 48 10.0	67.6	2	4.63
7138	B. A. C. 5807 . . .	6.5	6 38.63	67.0	2	3.935	— 33 34 20.5	68.1	2	4.63
7139	A Ophiuchi, (1st *) . .	5.7	6 44.30	63.4	14	3.718	— 26 23 39.2	63.1	5	4.62
7140	A Ophiuchi, (2d *) . .	6.0	6 44.50	63.4	14	3.718	— 26 23 35.0	62.9	3	4.62
7141	B. A. C. 5809 . . .	6.2	17 6 54.97	65.7	7	+ 3.825	— 30 2 42.4	61.7	4	— 4.60
7142	Groombridge 2418. .	8.0	7 21.62	60.5	2	— 1.292	+ 73 23 22.1	55.9	5	4.57
7143	Schwerd 1014 . . .	7.0	7 23.33	64.4	2	— 3.208	+ 78 17 16.1	66.1	2	4.56
7144	Weisse XVII, 107 . .	7.7	7 25.43	70.5	4	+ 2.729	+ 14 44 32.5	68.5	2	4.56
7145	O. Arg. N. 16908 . .	9.0	7 31.43	66.0	2	0.875	+ 59 20 47.8	68.1	2	4.55
7146	Anonymous . . .	9.2	17 7 32.22	69.5	1	+ 3.995	— 35 19 4.5	70.2	3	— 4.55
7147	B. A. C. 5813 . . .	6.9	7 37.07	60.4	8	3.717	— 26 20 25.0	60.4	5	4.54
7148	O. Arg. S. 16533 . .	8.4	7 45.02	69.5	2	3.747	— 27 23 55.9	56.4	4	4.53
7149	B. A. C. 5815 . . .	7.1	7 50.95	62.5	5	3.684	— 25 8 37.4	62.6	4	4.52
7150	Weisse XVII, 115 . .	8.3	7 52.33	67.6	2	2.736	+ 14 27 55.5	68.5	2	4.52

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			h. m. s.			″	° ′ ″			″
7151	B. A. C. 5818 . . .	7.0	17 7 57.28	69.6	1	+ 3.830	− 30 11 26.1	63.6	2	− 4.52
7152	Weisse XVII, 117 . .	7.5	7 57.60	67.6	2	2.730	+ 14 43 2.0	68.5	2	4.52
7153	Anonymous . . .	8.5	7 59.97	71.5	2	3.997	− 35 23 19.7	71.5	3	4.51
7154	Anonymous . . .	8.8	8 5.93	71.5	2	3.997	− 35 22 37.2	71.5	3	4.50
7155	*α* Herculis, (1st *) . .	Var.*	8 15.88	57.4	207	2.734	+ 14 33 9.7	54.3	55	4.49
7156	*α* Herculis, (2d *) . .	8.0	17 8 16.13	64.3	11	+ 2.734	+ 14 33 18.1	68.0	2	− 4.49
7157	B. A. C. 5820 . . .	6.5	8 24.32	66.1	2	3.825	− 30 0 18.2	66.0	2	4.48
7158	Anonymous . . .	8.5	8 26.19	69.5	2	3.987	− 35 3 56.6	67.0	2	4.47
7159	Lacaille 7207 . . .	6.5	8 31.54	68.5	2	4.091	− 38 0 20.6	66.5	2	4.46
7160	38 Ophiuchi, (1st *) . .	. .	8 57.54	64.5	1	3.721	− 26 28 14.3	69.2	3	4.43
7161	38 Ophiuchi, (2d *) . .	7.3	17 8 57.69	64.0	4	+ 3.721	− 26 28 14.3	69.2	3	− 4.43
7162	B. A. C. 5824 . . .	6.0	9 13.51	65.5	2	3.900	− 32 23 49.5	65.5	2	4.41
7163	*δ* Herculis.	4.0*	9 16.89	59.5	2	2.463	+ 25 0 24.4	53.5	4	4.40
7164	Anonymous . . .	7.0	9 26.22	65.5	2	3.980	− 34 49 43.4	69.6	2	4.39
7165	39 Ophiuchi, (1st *) . .	7.5	9 28.50	61.6	5	3.656	− 24 7 49.0	57.3	6	4.39
7166	39 Ophiuchi, (2d *) . .	6.5	17 9 28.50	61.5	5	+ 3.856	− 24 7 39.5	55.9	3	− 4.39
7167	O. Arg. S. 16574 . .	9.0*	9 32.29	69.5	2	3.820	− 29 48 36.6	71.5	3	4.37
7168	B. A. C. 5831 . . .	6.1	9 34.27	64.0	2	+ 3.651	− 23 54 52.0	67.1	2	4.38
7169	Anonymous . . .	. .	10 6.07	50.4	2	− 1.357	+ 73 34 33.1	70.6	1	4.33
7170	*π* Herculis	3.5*	10 10.39	50.3	6	+ 2.089	+ 36 58 8.6	48.2	15	4.33
7171	B. A. C. 5833 . . .	6.8	17 10 14.92	63.4	5	+ 3.863	− 31 12 26.5	65.5	2	− 4.32
7172	O. Arg. S. 16586 . .	8.2	10 27.91	69.0	2	3.614	− 22 33 14.4	66.5	2	4.40
7173	O. Arg. S. 16600 . .	9.0	11 3.03	67.5	2	3.622	− 22 50 19.6	68.1	2	4.25
7174	Lacaille 7230 . . .	8.0	11 9.33	65.5	2	4.088	− 37 52 18.6	69.6	2	4.24
7175	O. Arg. S. 16607 . .	7.8	11 18.94	68.5	2	3.722	− 26 27 32.7	66.1	2	4.23
7176	Anonymous. . . .	8.5	17 11 20.73	68.5	2	+ 3.756	− 27 37 21.9	56.4	5	− 4.23
7177	Weisse XVII, 186 . .	7.6	11 33.48	65.3	5	3.167	− 4 9 21.6	66.5	2	4.21
7178	B. A. C. 5839 . . .	5.5	11 44.47	69.0	2	3.487	− 17 36 22.3	56.5	4	4.19
7179	O. Arg. S. 16623 . .	7.2	11 49.14	65.3	3	3.721	− 26 24 4.3	63.6	2	4.19
7180	B. A. C. 5841 . . .	6.0*	12 2.01	59.5	2	2.817	+ 11 1 9.0	53.4	4	4.17
7181	*υ* Herculis	5.5	17 12 9.50	47.5	1	+ 2.214	+ 33 15 9.8	69.6	2	− 4.16
7182	Anonymous . . .	8.3	12 26.51	68.6	1	3.995	− 35 12 7.8	66.5	2	4.13
7183	Dorpat 2147 . . .	9.5	12 27.78	64.5	2	3.216	− 6 16 48.0	71.0	2	4.13
7184	Weisse XVII, 202 . .	7.0	12 30.10	60.0	2	3.204	− 5 45 42.8	57.0	2	4.13
7185	*ξ* Ophiuchi	6.0	12 36.86	56.2	16	3.573	− 20 57 32.8	64.2	3	4.12
7186	O. Arg. S. 16644 . .	7.7	17 12 44.26	67.5	2	+ 3.720	− 26 21 18.5	63.6	2	− 4.11
7187	*e* Herculis.	4.5*	12 50.67	45.5	4	2.070	+ 37 26 24.5	45.5	9	4.10
7188	Lalande 31492 . . .	7.6	12 50.90	69.0	2	3.195	− 5 21 42.9	62.0	2	4.10
7189	*ν* Scrpentis	5.0	12 57.27	63.4	5	3.367	− 12 42 3.5	60.6	2	4.09
7190	B. A. C. 5846 . . .	7.3	13 6.49	61.8	3	3.676	− 24 45 37.1	62.5	2	4.07

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession. 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
7191	Lacaille 7241 . . .	6.5	17 13 6.55	65.0	4	+ 4.082	— 37 39 42.2	68.5	2	— 4.07
7192	B. A. C. 5848 . . .	7.4	13 10.88	63.5	2	3.839	— 30 21 27.9	58.5	2	4.07
7193	Anonymous . . .	8.0	13 13.24	69.8	3	3.997	— 35 14 14.2	68.9	5	4.07
7194	Lacaille 7244 . . .	6.0	13 13.86	68.5	2	4.015	— 35 46 18.7	66.5	2	3.98
7195	O. Arg. S. 16659 . .	8.5	13 21.88	62.5	2	3.617	— 22 36 19.2	66.5	2	4.05
7196	Lacaille 7245 . . .	5.5	17 13 24.72	69.5	2	+ 4.062	— 37 4 40.5	67.5	2	— 4.05
7197	θ Ophiuchi	3.8	13 24.84	58.5	66	3.679	— 24 51 20.5	60.2	13	4.05
7198	Anonymous . . .	8.1	13 28.93	69.5	2	3.764	— 27 51 35.9	56.5	5	4.04
7199	Anonymous* . . .	8.3	13 42.24	65.3	1	3.678	— 24 48 46.4	63.0	2	4.02
7200	O. Arg. S. 16676 . .	9.0	13 59.59	68.4	1	3.755	— 27 32 7.3	56.5	4	3.99
7201	O. Arg. S. 16680 . .	9.0	17 14 10.70	65.5	2	+ 3.616	— 22 33 37.5	68.6	1	— 3.98
7202	Lalande 31543 . . .	8.0	14 26.58	70.3	3	3.487	— 17 33 46.9	56.4	4	3.96
7203	Anonymous . . .	. .	14 28.74	64.6	2	3.877	— 31 33 37.2	65.6	2	3.96
7204	Anonymous . . .	8.5	14 29.28	69.5	1	3.764	— 27 49 43.6	56.5	3	3.96
7205	43 Ophiuchi	6.5	14 33.12	62.5	3	3.769	— 28 0 10.7	66.5	2	3.95
7206	B. A. C. 5858 . . .	7.5	17 14 33.50	62.3	5	+ 3.682	— 24 57 26.6	63.0	2	— 3.95
7207	Lalande 31556 . . .	7.5	14 45.00	64.5	2	3.625	— 22 52 11.7	64.5	2	3.93
7208	Lacaille 7259 . . .	6.0	14 50.71	69.5	1	3.978	— 34 39 16.6	71.5	3	3.93
7209	Anonymous . . .	9.0	14 51.10	69.6	2	2.229	+ 32 44 43.8	48.5	2	3.93
7210	Weisse XVII, 249. .	8.3	15 1.83	65.5	3	3.177	— 4 35 54.4	67.6	2	3.91
7211	70 Herculis	5.5	17 15 8.25	57.0	4	+ 2.470	+ 24 38 27.5	53.5	3	— 3.90
7212	Weisse XVII, 254 . .	8.3	15 11.93	62.2	6	3.214	— 6 11 10.8	55.8	3	3.90
7213	Anonymous . . .	9.0	15 14.	. .	.	3.998	— 35 13 21.8	70.5	1	3.89
7214	Anonymous . . .	. .	15 18.	. .	.	3.999	— 35 14 59.1	63.5	1	3.89
7215	ω Herculis.	5.5	15 25.26	47.5	1	2.232	+ 32 38 49.4	70.6	4	3.88
7216	O. Arg. S. 16710 . .	8.3	17 15 29.14	69.0	2	+ 3.841	— 30 23 33.8	64.2	3	— 3.87
7217	B. A. C. 5862 . . .	6.8	15 31.96	64.7	4	3.648	— 23 42 27.9	66.5	2	3.87
7218	B. A. C. 5861 . . .	7.6	15 32.60	63.2	3	3.785	— 28 31 3.9	61.8	4	3.87
7219	Lacaille 7268 . . .	5.0	15 44.91	69.5	2	3.974	— 34 33 42.1	64.5	2	3.85
7220	Lacaille 7269 . . .	7.3	15 51.70	69.5	2	3.972	— 34 25 41.8	67.9	3	3.83
7221	Weisse (2) XVII, 454 .	8.0*	17 15 53.76	69.6	2	+ 2.089	+ 36 49 58.7	48.5	1	— 3.84
7222	B. A. C. 5868 . . .	6.5	16 32.97	64.3	11	3.660	— 24 6 39.8	62.5	2	3.78
7223	B. A. C. 5869 . . .	6.5	16 34.37	68.6	2	3.816	— 29 32 17.7	58.5	2	3.78
7224	O. Arg. S. 16749 . .	8.8	17 0.37	69.0	2	3.786	— 28 31 15.1	68.2	3	3.76
7225	Anonymous . . .	. .	17 9.	. .	.	3.877	— 31 30 38.7	68.1	2	3.73
7226	Weisse (2) XVII, 486 .	9.0	17 17 10.77	70.0	2	+ 2.670	+ 17 0 39.4	69.1	2	— 3.73
7227	Weisse (2) XVII, 487 .	7.0	17 16.11	66.5	3	2.670	+ 17 2 13.9	69.1	2	3.72
7228	B. A. C. 5875 . . .	7.2	17 25.98	62.5	1	3.779	— 28 17 9.1	66.5	2	3.70
7229	Lacaille 7282 . . .	7.0	17 26.10	66.6	2	+ 3.957	— 33 57 46.7	67.1	2	3.70
7230	Anonymous . . .	. .	17 28.78	50.4	2	— 1.389	+ 73 35 16.2	50.4	2	3.69

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			h. m. s.			"	° ′ ″			"
7231	Anonymous . . .	8.8	17 17 31.41	68.5	2	+ 3.567	− 20 38 59.3	65.5	2	− 3.69
7232	Anonymous . . .	7.7	17 33.52	66.8	4	3.877	− 31 28 50.6	70.5	2	3.69
7233	*b* Ophiuchi	4.3	17 49.35	64.5	52	3.658	− 24 2 32.6	67.6	4	3.67
7234	73 Herculis	6.0*	18 15.12	59.9	3	2.512	+ 23 5 34.4	53.4	3	3.63
7235	B. A. C. 5878 . . .	6.4	18 15.56	62.9	2	3.708	− 25 48 57.1	64.8	3	3.63
7236	*d* Ophiuchi	4.0*	17 18 25.01	60.5	7	+ 3.823	− 29 44 11.2	66.5	2	− 3.62
7237	B. A. C. 5884 . . .	6.0	18 42.08	60.5	2	3.819	− 29 35 56.0	68.6	2	3.59
7238	Weisse (2) XVII, 523 .	8.0	18 43.62	59.5	2	2.668	+ 17 3 52.3	69.1	2	3.59
7239	Weisse XVII, 322 . .	7.5	18 47.08	71.5	1	3.020	+ 2 12 36.3	71.4	2	3.59
7240	*p* Herculis, (1st *) . .	. .	18 50.90	59.5	2	2.070	+ 37 16 40.0	69.2	3	3.58
7241	*p* Herculis, (2d *) . .	. .	17 18 51.10	59.5	2	+ 2.070	+ 37 16 35.7	57.5	11	− 3.58
7242	O. Arg. S. 16802 . .	7.6	19 9.82	69.0	2	3.865	− 31 5 1.4	62.5	2	3.55
7243	B. A. C. 5888 . . .	6.0*	19 10.74	45.4	1	3.361	− 12 23 7.1	69.6	2	3.55
7244	B. A. C. 5890 . . .	5.5	19 12.30	45.5	2	3.186	− 4 57 34.9	69.6	2	3.55
7245	Weisse (2) XVII, 554 .	6.0	19 19.63	69.0	2	2.017	+ 38 42 39.5	47.5	2	3.54
7246	Lalande 31762 . . .	7.0*	17 19 19.86	59.6	2	+ 2.078	+ 37 3 5.1	54.5	2	− 3.54
7247	B. A. C. 5894 . . .	6.0*	19 33.56	59.6	2	2.893	+ 7 43 16.6	54.6	2	3.52
7248	*σ* Ophiuchi	4.5	19 34.19	61.5	5	2.974	+ 4 15 54.6	61.2	3	3.52
7249	B. A. C. 5895 . . .	6.5*	19 36.20	59.6	2	2.077	+ 37 4 42.0	52.5	4	3.52
7250	B. A. C. 5892 . . .	7.2	19 38.34	63.4	7	3.871	− 31 15 43.6	62.1	5	3.51
7251	Weisse (2) XVII, 552 .	7.0	17 19 40.54	59.5	2	+ 2.669	+ 17 2 36.1	69.1	2	− 3.51
7252	O. Arg. S. 16816 . .	8.2	19 55.25	64.5	3	2.571	− 20 50 33.0	68.6	2	3.49
7253	B. A. C. 5896 . . .	7.0	20 0.43	62.8	4	3.697	− 25 23 20.1	68.1	2	3.48
7254	B. A. C. 5897 . . .	6.8	20 9.49	67.5	3	3.876	− 31 24 51.8	68.8	3	3.47
7255	Lalande 31790 . . .	7.5	20 19.99	69.0	2	2.069	+ 37 18 13.5	48.4	1	3.45
7256	Anonymous . . .	7.3	17 20 42.49	69.0	2	+ 2.069	+ 37 50 42.5	48.5	1	− 3.42
7257	Weisse (2) XVII, 596 .	7.7	20 46.04	64.5	2	2.667	+ 17 5 33.5	69.1	2	3.42
7258	B. A. C. 5900 . . .	6.0*	20 46.60	55.8	3	2.587	+ 20 12 9.2	53.6	3	3.42
7259	Lacaille 7312 . . .	7.3	20 52.20	63.0	4	3.947	− 33 35 58.5	69.0	2	3.41
7260	O. Arg. S. 16832 . .	9.0	20 52.53	69.5	1	3.447	− 15 53 59.8	70.5	1	3.41
7261	O. Arg. S. 16833 . .	8.6	17 20 59.81	69.9	3	+ 3.448	− 15 55 27.8	69.5	3	− 3.40
7262	O. Arg. N: 17136 . .	7.6	20 59.82	64.9	3	− 2.869	+ 77 29 40.0	69.0	2	3.40
7263	*v* Scorpii	2.5	21 14.87	56.5	7	+ 4.072	− 37 10 47.5	53.0	5	3.38
7264	O. Arg. S. 16842 . .	7.5	21 26.32	66.4	6	3.448	− 15 55 4.3	69.2	4	3.36
7265	O. Arg. S. 16844 . .	8.0*	21 28.15	64.5	3	3.535	− 19 21 22.5	65.5	2	3.36
7266	O. Arg. S. 16847 . .	9.0	17 21 31.86	65.6	2	+ 3.492	− 17 41 22.3	58.2	7	− 3.35
7267	O. Arg. S. 16854 . .	8.0	21 49.15	64.5	3	3.493	− 17 41 45.3	57.8	9	3.33
7268	O. Arg. S. 16856 . .	8.3	21 50.37	69.5	3	3.448	− 15 54 0.8	69.7	6	3.32
7269	Anonymous . . .	6.8	21 51.38	68.5	2	4.215	− 40 55 38.5	64.0	2	3.34
7270	Weisse XVII, 387 . .	6.5	22 18.30	61.5	2	3.206	− 5 48 7.5	69.6	2	3.28

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			h. m. s.			"	° ′ ″			"
7271	Anonymous. . . .	8.8	17 22 31.75	69.0	2	+ 3.889	− 31 45 40.8	58.5	1	− 3.26
7272	Lacaille 7324 . . .	6.8	22 33.95	63.3	5	3.949	− 33 36 27.0	67.6	1	3.26
7273	O. Arg. S. 16875 . .	8.3	22 46.24	67.5	2	3.447	− 15 52 27.1	70.5	2	3.24
7274	e^2 Ophiuchi	5.0	22 52.55	62.5	25	3.655	− 23 51 2.1	68.3	3	3.23
7275	B. A. C. 5908 . . .	8.2	22 56.45	65.9	3	3.888	− 31 43 0.7	60.5	4	3.23
7276	B. A. C. 5909 . . .	6.1	17 23 2.92	62.9	3	+ 3.735	− 26 9 30.9	66.5	2	− 3.22
7277	Weisse XVII, 409. .	9.0	23 3.24	60.4	2	3.210	− 5 58 17.9	56.0	4	3.22
7278	Lacaille 7330 . . .	5.9	23 8.42	64.0	2	3.968	− 34 10 9.2	68.0	2	3.21
7279	Lacaille 7325 . . .	6.0	23 15.10	59.6	2	4.222	− 41 3 54.1	58.1	8	3.20
7280	O. Arg. S. 16897 . .	9.0	23 27.97	62.5	3	3.604	− 22 53 20.5	67.5	3	3.18
7281	B. A. C. 5914 . . .	6.5	17 23 55.19	63.6	2	+ 3.928	− 32 57 3.0	69.0	2	− 3.14
7282	λ Scorpii	3.0*	24 6.29	54.9	5	4.067	− 36 59 48.5	55.6	4	3.13
7283	B. A. C. 5916 . . .	6.9	24 7.64	64.9	5	3.821	− 29 32 40.4	65.5	4	3.13
7284	O. Arg. S. 16908 . .	8.5	24 16.96	70.0	2	3.450	− 15 59 10.9	69.1	2	3.11
7285	B. A. C. 5919 . . .	5.5	24 20.46	70.6	2	3.007	+ 2 49 59.8	72.0	4	3.11
7286	λ Herculis. . . .	4.5*	17 25 4.93	48.1	14	+ 2.421	+ 26 13 8.2	69.1	2	− 3.05
7287	Anonymous . . .	9.0	25 8.37	69.5	1	3.914	− 32 30 22.9	69.1	2	3.04
7288	Anonymous . . .	9.0	25 13.41	69.7	4	3.913	− 32 27 31.0	69.8	4	3.03
7289	Anonymous . . .	8.3	25 16.19	68.3	4	3.911	− 32 24 6.4	69.6	1	3.03
7290	Anonymous . . .	9.0	25 27.07	69.5	1	4.124	− 38 30 58.2	70.5	2	3.01
7291	B. A. C. 5924 . . .	6.5	17 25 33.47	63.3	4	+ 3.891	− 31 46 14.9	61.2	3	− 3.00
7292	B. A. C. 5925 . . .	6.4	25 33.80	65.1	6	3.914	− 32 28 49.6	65.9	3	3.00
7293	Anonymous . . .	8.8	25 37.24	65.5	3	3.873	− 31 12 33.4	69.0	2	3.00
7294	B. A. C. 5927 . . .	5.6	25 37.32	68.6	2	2.269	+ 31 15 53.8	53.4	3	3.00
7295	Lalande 31931 . . .	8.0	25 49.47	66.0	2	3.495	− 17 44 1.0	56.6	6	2.98
7296	Anonymous. . . .	9.0	17 25 55.58	67.5	2	+ 4.125	− 38 32	. .	.	− 2.97
7297	Anonymous. . . .	8.3	26 2.94	68.0	2	4.124	− 38 29 49.2	70.5	3	2.96
7298	Lacaille 7349 . . .	6.6	26 11.06	63.5	2	4.081	− 37 20 23.4	66.6	2	2.95
7299	O. Arg. S. 16952 . .	7.7	26 22.20	68.2	3	3.505	− 18 7	. .	.	2.93
7300	52 Ophiuchi	7.0*	26 53.44	45.4	1	3.605	− 21 56 43.3	69.6	2	2.89
7301	B. A. C. 5932 . . .	5.0	17 26 54.45	64.9	3	+ 4.126	− 38 31 54.0	68.9	3	− 2.89
7302	Madras 1165 . . .	8.0	26 59.57	60.4	2	3.676	− 24 31 40.5	55.5	4	2.88
7303	B. A. C. 5929 . . .	6.0*	26 59.60	59.5	2	2.001	+ 38 59 19.3	54.0	6	2.88
7304	O. Arg. S. 16966 . .	8.0	27 8.64	67.5	2	3.506	− 18 8 48.0	68.6	2	2.87
7305	β Draconis	3.2*	27 16.24	49.6	26	1.353	+ 52 24 22.7	50.6	39	2.85
7306	Anonymous . . .	8.5	17 27 18.82	68.5	2	+ 4.082	− 37 20 40.9	71.5	3	− 2.85
7307	Weisse (2) XVII, 831 .	7.2	27 30.48	68.6	2	2.115	+ 35 52 29.9	46.5	1	2.83
7308	Weisse XVII, 508 . .	8.0	27 32.38	65.5	3	2.776	+ 12 36 47.2	69.5	2	2.83
7309	B. A. C. 5938 . . .	7.0	27 51.80	64.6	2	3.900	− 32 2 0.8	67.6	2	2.80
7310	O. Arg. S. 16978 . .	6.8	28 3.55	68.6	2	3.496	− 17 45 57.5	63.0	2	2.79

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			h. m. s.			"	° ′ ″			"
7311	Anonymous. . . .	8.0	17 28 9.05	68.4	1	+ 4.008	− 35 14 27.7	63.5	1	− 2.78
7312	Lacaille 7357 . . .	6.8	28 16.90	63.5	2	4.098	− 37 45 56.1	67.6	2	2.77
7313	Lacaille 7362 . . .	7.5	28 20.02	63.5	2	3.975	− 34 15 33.6	67.5	2	2.76
7314	Anonymous . . .	8.5	28 24.80	70.0	2	4.081	− 37 18 56.7	69.9	3	2.75
7315	α Ophiuchi	2.0*	28 26.16	57.4	241	2.774	+ 12 39 55.6	51.7	84	2.75
7316	B. A. C. 5943 . . .	7.7	17 28 53.79	62.4	8	+ 3.787	− 28 20 48.2	61.3	9	− 2.71
7317	Anonymous . . .	8.5	29 10.46	69.5	2	3.570	− 20 35 56.1	68.6	3	2.69
7318	Lalande 32045 . . .	8.5	29 18.20	60.5	2	3.687	− 24 52 34.6	59.2	3	2.68
7319	B. A. C. 5946 . . .	7.3	29 22.90	63.2	8	3.775	− 27 57 26.2	60.5	11	2.67
7320	ν^1 Draconis	4.5	29 25.28	62.5	2	1.160	+ 55 16 52.1	61.2	3	2.67
7321	ν^2 Draconis	4.7	17 29 30.65	62.5	2	+ 1.160	+ 55 16 10.5	61.2	3	− 2.66
7322	Anonymous . . .	. .	29 33.	. .	.	3.570	− 20 34 41.3	70.6	1	2.66
7323	ξ Serpentis	4.0	29 34.30	67.5	3	3.435	− 15 18 24.2	67.6	2	2.66
7324	Anonymous. . . .	9.0	30 8.27	69.5	1	4.005	− 35 7 46.6	70.6	1	2.60
7325	B. A. C. 5952 . . .	7.0	30 10.73	61.7	4	3.787	− 28 19 25.3	61.3	4	2.60
7326	O. Arg. S. 17016 . .	7.3	17 30 21.39	69.0	2	+ 3.743	− 26 50 56.0	66.5	3	− 2.58
7327	B. A. C. 5955 . . .	6.5	30 24.97	66.0	2	3.820	− 29 26 41.7	62.5	2	2.58
7328	B. A. C. 5956 . . .	7.0	30 29.50	59.6	2	3.834	− 29 52 29.5	56.8	4	2.57
7329	Anonymous. . . .	8.0	30 36.14	70.6	1	3.904	− 32 5 23.8	70.5	1	2.57
7330	Anonymous. . . .	. .	30 43.48	69.5	1	4.005	− 35 8 5.0	63.5	1	2.55
7331	Anonymous . . .	7.0	17 30 53.70	66.3	8	+ 3.905	− 32 9	. .	.	− 2.54
7332	Lalande 32165 . . .	6.0	30 53.74	68.6	2	2.058	+ 37 23 32.2	48.0	2	2.54
7333	B. A. C. 5960 . . .	6.8	30 55.05	65.6	3	3.905	− 32 7 3.0	69.4	1	2.54
7334	Anonymous . . .	8.5	30 55.08	70.6	1	3.903	− 32 4 37.0	69.6	2	2.54
7335	Anonymous . . .	7.0	31 3.46	67.1	4	3.906	− 32 10 25.9	68.5	8	2.53
7336	Anonymous . . .	8.0	17 31 13.90	63.6	1	+ 3.907	− 32 10 54.8	69.2	3	− 2.51
7337	B. A. C. 5962 . . .	6.0*	31 17.04	59.5	2	2.290	+ 30 52 24.9	53.4	4	2.51
7338	Anonymous . . .	8.5	31 17.94	68.5	2	4.003	− 35 4 25.1	63.5	1	2.50
7339	B. A. C. 5961 . . .	7.4	31 30.95	64.3	5	3.805	− 28 50 28.7	67.6	3	2.48
7340	Anonymous . . .	7.0	31 36.17	65.1	2	3.904	− 32 4 28.1	71.3	3	2.48
7341	B. A. C. 5964 . . .	6.5	17 31 51.10	65.0	5	+ 3.906	− 32 8 3.7	69.5	8	− 2.46
7342	B. A. C. 5966 . . .	8.0	31 54.32	63.3	6	3.772	− 27 48 42.8	65.1	2	2.45
7343	Weisse XVII, 620 .	7.5	31 57.26	62.5	2	2.770	+ 12 49 16.4	66.0	2	2.45
7344	B. A. C. 5968 . . .	8.0	32 30.91	65.6	1	3.903	− 32 2 1.9	70.6	2	2.40
7345	O. Arg. S. 17063 . .	8.2	32 32.63	68.9	2	3.503	− 18 0 15.4	56.5	3	2.40
7346	Lacaille 7395 . . .	6.2	17 32 45.60	63.5	3	+ 3.948	− 33 25 38.0	68.5	4	− 2.38
7347	κ Scorpii	3.0	32 48.28	63.0	3	4.145	− 38 57 11.8	70.9	3	2.37
7348	O. Arg. S. 17068 . .	8.8	32 56.68	68.9	2	3.505	− 18 4 10.3	56.4	2	2.36
7349	Rumker 5943 . . .	6.0	32 58.11	63.2	3	1.562	+ 48 40 8.0	66.5	2	2.36
7350	Anonymous . . .	7.2	32 59.00	69.5	2	4.016	− 35 25 22.6	67.5	2	2.27

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
7351	O. Arg. S. 17070 . .	8.8	17 33 1.98	69.3	3	+ 3.539	− 19 22 41.4	57.5	2	− 2.36
7352	Anonymous . . .	9.0	33 3.81	61.6	1	2.606	+ 19 21 . .	.		2.35
7353	Anonymous . . .	7.8	33 16.15	69.0	2	3.976	− 34 14 39.4	67.5	2	2.33
7354	*o* Serpentis	5.0	33 32.86	60.3	21	3.374	− 12 47 48.5	67.1	2	2.31
7355	O. Arg. S. 17091 . .	7.5	33 50. . .	.		3.643	− 23 16 34.9	64.6	2	2.28
7356	O. Arg. S. 17094 . .	7.5	17 33 50.53	64.4	4	+ 3.654	− 23 39 45.4	68.6	1	− 2.28
7357	B. A. C. 5977 . . .	6.4	33 55.53	63.8	3	3.934	− 32 58 42.1	61.5	3	2.28
7358	Anonymous . . .	8.7	34 1.43	64.8	4	3.772	− 27 46 13.9	68.0	2	2.27
7359	Anonymous . . .	6.8	34 4.01	69.0	2	4.010	− 35 13 31.7	63.5	1	2.26
7360	O. Arg. S. 17098 . .	9.0	34 8.23.	67.1	4	3.538	− 19 19 41.4	56.9	3	2.26
7361	Anonymous . . .	8.8	17 34 25.21	67.6	2	+ 3.779	− 28 0 15.8	69.5	2	− 2.23
7362	B. A. C. 5980 . . .	6.6	34 25.56	64.1	2	3.922	− 32 35 28.1	67.6	2	2.23
7363	Lacaille 7406 . . .	6.0	34 25.82	63.1	2	4.138	− 38 44 0.2	68.6	2	2.23
7364	Anonymous . . .	7.5	34 28.24	67.6	4	4.017	− 35 25 45.1	67.5	2	2.23
7365	B. A. C. 5981 . . .	6.5	34 28.92	63.1	13	3.773	− 27 48 43.5	65.6	2	2.23
7366	Anonymous . . .	8.0	17 34 30. . .	.		+ 3.981	− 34 22 47.3	67.0	2	− 2.23
7367	B. A. C. 5983 . . .	7.0	34 31.59	62.5	3	3.843	− 30 6 17.7	65.0	2	2.22
7368	B. A. C. 5986 . . .	6.0*	34 40.20	59.5	2	2.265	+ 31 16 43.6	53.5	4	2.21
7369	Rumker 5958 . . .	6.9	34 51.43	62.8	4	2.710	+ 15 15 13.5	64.5	2	2.20
7370	O. Arg. S. 17114 . .	9.0	34 52.98	59.6	2	3.541	− 19 26 10.2	65.6	3	2.19
7371	Lalande 32322 . . .	8.0	17 34 53.62	69.0	2	+ 2.060	+ 37 17 45.1	48.5	1	− 2.19
7372	Anonymous . . .	8.0	35 1.41	69.0	2	3.877	− 31 12 20.3	67.5	2	2.18
7373	58 Ophiuchi	5.5	35 2.60	53.3	14	3.599	− 21 36 40.4	56.2	5	2.18
7374	*i* Herculis.	4.0*	35 30.86	53.8	4	1.691	+ 46 4 55.7	70.6	2	2.14
7375	Lacaille 7414 . . .	7.0	35 38.77	63.2	4	4.019	− 35 27 49.4	67.2	3	2.13
7376	B. A. C. 5989 . . .	6.9	17 35 45.53	63.5	6	+ 3.653	− 23 36 37.9	61.8	4	− 2.12
7377	O. Arg. S. 17132 . .	8.7	35 46.96	62.6	2	3.782	− 28 6 39.3	69.1	2	2.12
7378	O. Arg. S. 17133 . .	8.5*	35 57. . .	.		3.600	− 21 39 52.0	70.5	1	2.10
7379	Anonymous . . .	8.2	35 57.19	69.0	2	4.007	− 35 7 24.0	67.0	2	2.10
7380	B. A. C. 5992 . . .	6.5	35 57.53	70.6	2	3.613	− 22 7 39.1	68.5	2	2.10
7381	Weisse XVII, 697 . .	8.6	17 36 23.96	65.5	4	+ 3.258	− 7 57 27.2	65.6	2	− 2.06
7382	*β* Ophiuchi	4.2	36 33.50	48.5	19	2.964	+ 4 37 45.5	68.6	2	2.05
7383	O. Arg. S. 17152 . .	8.9	36 33.97	65.6	2	3.779	− 27 58 48.5	67.6	2	2.05
7384	O. Arg. S. 17157 . .	9.2	36 42.01	65.6	2	3.779	− 28 0 2.5	67.6	2	2.04
7385	Anonymous		36 46. . .	.		3.254	− 7 48 15.4	65.6	2	2.03
7386	Lacaille 7420 . . .	6.0	17 36 48.08	63.9	2	+ 4.157	− 39 12 8.0	69.6	2	− 2.03
7387	O. Arg. S. 17159 . .	9.0	36 48.47	69.6	2	3.600	− 21 38 38.6	67.5	1	2.03
7388	Weisse XVII, 713 . .	8.1	36 58.45	65.7	5	+ 3.254	− 7 47 26.0	65.6	2	2.01
7389	O. Arg. N. 17415 . .	8.5	37 13.84	71.5	1	− 0.301	+ 68 28 29.7	71.4	2	1.99
7390	Lacaille 7424 . . .	6.2	37 30.93	63.1	2	+ 4.114	− 38 3 5.0	68.5	2	1.96

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			h. m. s.			″	° ′ ″			″
7391	Lacaille 7423 . . .	7.0	17 37 35.82	63.1	2	+ 4.164	− 39 21 41.5	70.6	2	− 1.96
7392	84 Herculis.	5.5	37 36.82	59.5	2	+ 2.468	+ 24 23 27.2	54.5	3	1.96
7393	ω Draconis	4.6	37 46.42	63.0	8	− 0.363	+ 68 49 21.2	64.0	11	1.94
7394	ι^1 Scorpii	3.5	37 47.52	63.6	2	+ 4.191	− 40 4 3.7	63.5	2	1.04
7395	Anonymous . . .	8.0	38 2.14	71.5	1	3.993	− 34 40 33.6	70.6	1	1.92
7396	Anonymous . . .	8.2	17 38 7.	. .	.	+ 3.997	− 34 47 27.9	72.0	3	− 1.91
7397	Anonymous . . .	7.4	38 9.50	63.6	2	3.654	− 23 37 28.1	61.0	4	1.91
7398	Dorpat 2204, (1st *) .	7.6	38 26.78	64.4	3	3.385	− 13 14 52.1	69.7	2	1.88
7399	Dorpat 2204, (2d *) .	7.6	38 27.13	64.4	3	3.385	− 13 14 38.0	69.7	2	1.88
7400	Anonymous . . .	7.4	38 29.87	71.5	2	3.981	− 34 20 23.9	69.5	1	1.88
7401	Lacaille 7430 . . .	6.6	17 38 29.92	63.4	2	+ 3.978	− 34 15 11.3	69.6	4	− 1.88
7402	3 Sagittarii	5.0	38 44.97	62.9	16	3.773	− 27 46 23.9	60.6	3	1.86
7403	Lacaille 7435 . . .	6.5	38 49.90	66.0	2	4.033	− 35 50 17.8	72.6	1	1.85
7404	Lacaille 7433 . . .	6.5	38 51.26	67.2	3	4.115	− 38 4 43.2	68.5	2	1.85
7405	Weisse XVII, 755 . .	7.6	38 55.43	65.6	4	3.257	− 7 55 16.8	65.6	4	1.84
7406	Lalande 32418 . . .	8.5	17 39 5.83	59.5	2	+ 3.697	− 25 7 53.8	57.6	1	− 1.83
7407	B. A. C. 6011 . . .	7.1	39 7.12	64.0	2	3.924	− 32 36 52.3	60.1	4	1.82
7408	O. Arg. S. 17209 . .	7.2	39 10.15	64.5	2	3.577	− 20 46 49.1	65.1	2	1.82
7409	Taylor 8219	6.8	39 15.77	68.5	2	3.506	− 18 3 0.9	56.4	6	1.81
7410	Anonymous . . .	8.0	39 21.06	69.1	2	4.116	− 38 3 53.1	68.5	2	1.81
7411	Weisse XVII, 779 . .	8.6	17 39 32.62	65.6	3	+ 3.260	− 8 0 54.9	65.6	3	− 1.79
7412	B. A. C. 6015 . . .	6.3	39 42.63	57.5	7	3.748	− 26 55 13.1	67.2	3	1.77
7413	Lacaille 7443 . . .	6.0	39 43.41	66.0	2	4.148	− 38 55 53.3	69.1	2	1.77
7414	B. A. C. 6016 . . .	5.5	40 4.90	65.5	2	3.893	− 31 39 3.1	67.2	3	1.74
7415	Lacaille 7448 . . .	6.8	40 6.32	67.4	5	4.016	− 35 19 35.4	69.2	3	1.74
7416	Weisse XVII, 787 . .	8.2	17 40 9.79	59.6	2	+ 3.393	− 13 33 8.0	56.1	4	− 1.73
7417	B. A. C. 6017 . . .	6.8	40 16.05	67.1	3	3.858	− 30 32 39.0	63.5	2	1.72
7418	B. A. C. 6018 . . .	4.0*	40 19.76	55.9	3	4.076	− 36 59 40.9	54.5	3	1.72
7419	ι^2 Scorpii	5.0	40 23.77	66.0	2	4.191	− 40 2 25.6	66.5	2	1.71
7420	γ Ophiuchi	4.0*	40 52.40	54.6	9	3.008	+ 2 45 47.3	59.0	5	1.67
7421	μ Herculis	3.4*	17 40 58.73	64.1	67	+ 2.369	+ 27 48 18.9	58.6	19	− 1.66
7422	Weisse XVII, 810 . .	9.0	41 17.12	60.5	2	3.338	− 11 17 24.8	56.5	3	1.64
5423	O. Arg. S. 17249 . .	7.2	41 20.86	68.5	2	3.744	− 26 45 43.8	68.0	2	1.63
7424	B. A. C. 6023 . . .	6.4	41 23.84	63.8	5	3.670	− 24 9 25.2	64.1	4	1.63
7425	B. A. C. 6024 . . .	6.7	41 35.62	62.5	3	3.752	− 27 0 43.7	65.4	2	1.61
7426	Lacaille 7459 . . .	7.2	17 41 37.45	63.5	3	+ 3.960	− 33 40 32.3	70.1	2	− 1.61
7427	Anonymous. . . .	7.6	41 43.49	67.8	6	4.016	− 35 18 2.5	68.9	6	1.60
7428	Anonymous. . . .	8.2	41 45.35	68.4	5	4.016	− 35 17 25.8	68.0	4	1.59
7429	Anonymous. . . .	9.0	41 50.00	67.5	2	3.635	− 22 54 59.7	70.6	1	1.59
7430	Anonymous. . . .	8.2	42 11.28	64.6	2	3.799	− 28 36 43.7	69.1	4	1.56

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			h. m. s.			"	' "			"
7431	B. A. C. 6026, (1st *) .	7.4	17 42 11.74	70.0	4	+ 3.858	— 30 30 40.8	66.0	2	— 1.56
7432	B. A. C. 6026, (2d *) .	8.2	42 11.92	70.2	3	3.858	— 30 30 40.8	66.0	2	1.56
7433	Anonymous . . .	8.5	42 28.66	67.5	2	4.017	— 35 19 19.4	70.6	2	1.53
7434	Anonymous . . .	7.0	42 31.11	64.5	2	3.885	— 31 22 9.5	69.9	2	1.53
7435	Anonymous . . .	7.5	42 32.74	68.4	1	3.996	— 34 44 20.0	70.6	2	1.53
7436	Weisse XVII, 834 ..	8.0	17 42 33.10	61.0	2	+ 3.358	— 12 6 53.3	59.2	4	— 1.53
7437	Weisse XVII, 835 . .	9.0	42 37.34	65.1	2	3.377	— 12 53 25.2	56.5	2	1.52
7438	B. A. C. 6027 . . .	7.2	42 38.01	65.5	4	3.634	— 22 52 25.1	69.3	3	1.52
7439	O. Arg. S. 17275 . .	8.8	42 48.50	67.5	2	3.485	— 17 12 41.8	69.6	2	1.50
7440	B. A. C. 6029 . . .	6.0	42 53.39	69.1	2	3.997	— 34 45 23.9	67.2	3	1.50
7441	Anonymous	. .	17 43 0.56	64.5	2	+ 3.798	— 28 34 45.5	66.9	3	— 1.49
7442	B. A. C. 6031 . . .	5.3	43 1.46	66.5	2	3.984	— 34 22 29.8	67.5	2	1.48
7443	Weisse (2) XVII, 1394.	7.0	43 3.67	69.1	2	2.097	+ 36 10	. .	.	1.48
7444	Anonymous . . .	7.0	43 4.87	69.1	2	2.082	+ 36 35 31.9	48.4	1	1.48
7445	87 Herculis.	6.0	43 8.58	59.5	2	2.431	+ 25 40 18.5	54.5	3	1.47
7446	Weisse (2) XVII, 1398.	7.5	17 43 9.67	69.1	2	+ 2.096	+ 36 12	. .	.	— 1.47
7447	B. A. C. 6032 . . .	7.5	43 13.28	62.8	8	3.882	— 31 17 9.3	60.2	8	1.47
7448	O. Arg. S. 17281 . .	7.9	43 14.55	65.2	6	3.715	— 25 43 48.0	66.3	4	1.47
7449	Weisse XVII, 846 . .	8.8	43 14.84	61.1	2	3.402	— 13 55 3.1	57.7	5	1.47
7450	O. Arg. S. 17284 . .	9.0	43 21.05	65.6	1	3.715	— 25 45 5.8	72.6	1	1.46
7451	Lacaille 7469 . . .	7.5	17 43 29.24	63.6	1	+ 3.881	— 31 17 10.8	72.6	2	— 1.44
7452	Lalande 32631 . . .	7.2	43 29.31	69.5	2	2.019	+ 38 17 2.6	48.5	1	1.44
7453	Lacaille 7464 . . .	6.2	43 34.35	67.0	2	4.005	— 34 58 43.1	67.5	3	1.44
7454	Weisse XVII, 857 . .	9.0*	43 38.38	61.1	2	3.403	— 13 55 30.7	61.0	2	1.43
7455	O. Arg. S. 17291 . .	8.0	43 49.98	67.3	3	3.753	— 27 3 7.3	68.0	2	1.41
7456	B. A. C. 6037 . . .	8.0	17 43 56.68	63.4	4	+ 3.995	— 34 41 30.0	68.6	2	— 1.41
7457	Anonymous . . .	7.0	44 1.48	62.6	2	4.058	— 36 28 13.4	70.6	2	1.40
7458	B. A. C. 6038 . . .	7.0	44 2.21	64.6	1	4.001	— 34 51 25.0	69.7	2	1.40
7459	Anonymous . . .	. .	44 2.26	69.6	3	4.005	— 34 58	. .	.	1.40
7460	Anonymous . . .	7.5	44 2.80	69.6	1	4.002	— 34 54	. .	.	1.40
7461	Weisse XVII, 867 . .	8.5	17 44 3.82	59.6	2	+ 3.429	— 14 59 8.2	56.6	2	— 1.39
7462	B. A. C. 6041 . . .	7.2	44 4.43	62.9	3	3.533	— 19 4 50.2	60.0	2	1.39
7463	B. A. C. 6039 . . .	6.5	44 5.21	68.5	2	3.905	— 31 59 38.4	58.5	3	1.39
7464	Anonymous . . .	. .	44 9.19	69.6	1	3.995	— 34 36 40.0	72.6	1	1.39
7465	Anonymous . . .	6.5	44 23.99	67.1	4	3.995	— 34 41 30.8	72.6	1	1.36
7466	Anonymous	. .	17 44 25.41	70.5	2	+ 3.995	— 34 41	. .	.	— 1.36
7467	ψ^1 Draconis	4.7	44 26.07	62.9	10	— 1.087	+ 72 12 57.4	64.6	6	1.36
7468	B. A. C. 6042, (1st *) .	8.0	44 27.	. .	.	+ 3.998	— 34 45 26.7	70.9	3	1.36
7469	B. A. C. 6042, (2d *) .	7.5	44 29.	. .	.	3.997	— 34 44 56.7	71.0	2	1.36
7470	Anonymous. . . .	7.5	44 31.25	69.5	2	3.782	— 28 1 10.6	56.4	4	1.35

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession. 1860.
			h. m. s.			"	° ′ ″			"
7471	Anonymous . . .	9.0	17 44 32.79	69.6	2	+ 3.714	— 25 42 47.3	69.1	2	— 1.36
7472	B. A. C. 6043 . . .	7.5	44 34.75	67.3	4	3.996	— 34 42 56.5	67.5	3	1.35
7473	Anonymous . . .	7.0	44 37.81	69.6	1	3.999	— 34 47 . .	.	.	1.34
7474	Anonymous . . .	8.0	44 40.34	69.5	1	3.990	— 34 32 . .	.	.	1.34
7475	B. A. C. 6044 . . .	7.0*	44 47.45	60.9	7	3.759	— 27 14 47.5	68.7	1	1.33
7476	Anonymous . . .	8.0	17 44 50.81	64.6	1	+ 4.053	— 36 20 16.4	71.5	1	— 1.33
7477	Anonymous . . .	8.3	44 52.69	69.5	1	3.999	— 34 47 . .	.	.	1.32
7478	Anonymous . . .	7.1	44 54.49	66.6	2	3.996	— 34 41 29.7	69.6	3	1.32
7479	O. Arg. S. 17320 . .	7.4	44 55.61	65.5	4	3.801	— 28 39 7.8	69.5	2	1.32
7480	B. A. C. 6045 . . .	6.0	45 2.85	68.6	1	4.001	— 34 50 36.7	70.1	2	1.30
7481	B. A. C. 6046 . . .	6.9	17 45 8.46	65.6	3	+ 3.986	— 34 25 53.5	64.6	2	— 1.30
7482	B. A. C. 6049 . . .	6.0*	45 16.87	55.2	3	3.328	— 10 51 41.2	56.5	2	1.29
7483	Anonymous . . .	6.5	45 18.41	63.6	1	3.990	— 34 32 . .	.	.	1.28
7484	Weisse XVII, 905 . .	7.7	45 22.95	64.5	5	3.256	— 7 52 25.7	70.0	2	1.28
7485	Anonymous . . .	6.7	45 28.79	66.0	5	3.989	— 34 30 30.5	68.5	1	1.27
7486	Anonymous . . .	8.0	17 45 28.93	63.6	1	+ 4.000	— 34 49 50.4	70.5	1	— 1.27
7487	B. A. C. 6051 . . .	5.2	45 39.56	63.5	4	4.057	— 36 26 32.5	71.5	2	1.25
7488	Anonymous . . .	. .	45 40. . .	.	.	3.997	— 34 43 5.1	70.6	1	1.25
7489	30 Draconis	5.5	45 43.91	61.5	2	1.435	+ 50 48 57.4	62.6	2	1.25
7490	Weisse XVII, 929 . .	7.5	45 57.15	70.0	3	2.868	+ 8 41 3.7	68.6	1	1.23
7491	Anonymous . . .	8.5	17 46 6.32	67.5	2	+ 3.803	— 28 43 26.6	68.6	1	— 1.22
7492	Anonymous . . .	7.4	46 9.53	68.6	2	2.039	+ 37 44 49.4	46.5	1	1.21
7493	Anonymous . . .	. .	46 12. . .	.	.	3.987	— 34 25 57.7	68.5	1	1.21
7494	63 Ophiuchi	6.5	46 17.21	52.4	8	3.690	— 24 51 16.1	70.7	2	1.20
7495	O. Arg. S. 17340 . .	8.5	46 18.59	64.5	3	3.584	— 20 59 22.5	65.6	2	1.20
7496	Lalande 32747 . . .	7.0	17 46 25.83	69.5	3	+ 2.011	+ 38 28 50.6	48.5	1	— 1.19
7497	Anonymous . . .	7.5	46 27.46	61.6	1	3.904	— 31 55 32.9	69.6	2	1.19
7498	Anonymous . . .	8.0	46 28. . .	.	.	3.905	— 31 58 10.1	70.6	1	1.18
7499	O. Arg. S. 17349 . .	8.0	46 52.15	63.6	2	3.749	— 26 54 5.5	64.5	2	1.15
7500	Lalande 32706 . . .	8.4	46 54.10	68.5	2	3.512	— 18 15 40.5	56.4	4	1.15
7501	Anonymous . . .	7.0	17 46 59. . .	.	.	+ 4.206	— 40 21 28.0	69.5	2	— 1.14
7502	Anonymous. . . .	8.2	47 4.21	69.5	2	3.993	— 34 37 . .	.	.	1.13
7503	O. Arg. S. 17354 . .	9.0	47 6.06	67.6	2	3.752	— 27 0 17.1	68.6	2	1.13
7504	B. A. C. 6057 . . .	6.2	47 6.68	64.3	3	3.921	— 32 26 48.9	58.5	2	1.13
7505	Lacaille 7490 . . .	5.7	47 6.80	62.6	2	4.203	— 40 16 42.6	70.6	2	1.13
7506	O. Arg. S. 17361 . .	9.0	17 47 20.99	65.6	1	+ 3.752	— 26 59 45.0	68.6	2	— 1.11
7507	Anonymous. . . .	8.3	47 21.74	66.8	5	3.994	— 34 37 . .	.	.	1.11
7508	B. A. C. 6062 . . .	5.8	47 31.19	69.1	2	1.951	+ 40 0 52.0	54.5	3	1.09
7509	Anonymous. . . .	8.0	47 35.68	69.5	1	3.996	— 34 42 . .	.	.	1.08
7510	Anonymous. . . .	9.0	47 37. . .	.	.	3.997	— 34 43 24.4	71.6	2	1.08

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			h. m. s.			″	° ′ ″			″
7511	B. A. C. 6059 . . .	6.6	17 47 40.00	62.9	4	+ 3.744	− 26 44 35.4	60.0	2	− 1.08
7512	B. A. C. 6063 . . .	6.6	47 51.51	61.5	10	3.782	− 28 2 19.1	58.2	9	1.06
7513	O. Arg. S. 17376 . .	7.8	47 58.46	64.4	5	3.649	− 23 21 47.9	69.6	2	1.05
7514	Lacaille 7499 . . .	6.0	47 58.74	63.0	3	4.156	− 39 4 37.8	69.7	1	1.05
7515	O. Arg. S. 17379 . .	8.2	48 10.80	68.9	3	3.756	− 27 6 36.3	69.5	2	1.03
7516	Lacaille 7504 . . .	6.2	17 48 15.40	63.1	4	+ 4.158	− 39 6 45.2	70.1	2	− 1.03
7517	B. A. C. 6065 . . .	6.0*	48 15.84	60.0	4	3.449	− 15 47 1.1	56.5	3	1.03
7518	Weisse XVII, 966 . .	9.0	48 18.42	59.6	2	3.434	− 15 9 20.3	56.5	3	1.02
7519	Anonymous . . .	9.0	48 21.06	59.6	2	3.437	− 15 17 51.5	56.8	3	1.02
7520	Anonymous . . .	7.5	48 22.32	69.6	2	3.907	− 32 1 32.6	67.6	2	1.02
7521	B. A. C. 6066 . . .	7.3	17 48 34.16	56.2	6	+ 3.664	− 23 54 54.2	59.2	2	− 1.00
7522	f Herculis	5.5	48 44.65	53.6	4	1.950	+ 40 2 10.4	54.5	3	0.98
7523	Madras 1209 . . .	8.0	48 45.30	60.0	2	3.446	− 15 39 34.4	56.2	3	0.98
7524	O. Arg. S. 17394 . .	8.0	48 56.65	67.5	2	3.696	− 25 3	. .	.	0.97
7525	Anonymous . . .	7.8	49 18.24	68.5	2	3.786	− 28 8 26.2	70.6	1	0.94
7526	Anonymous . . .	7.8	17 49 19.24	68.5	2	+ 3.786	− 28 7 12.7	70.6	1	− 0.94
7527	Anonymous . . .	8.3	49 21.14	64.6	2	4.073	− 36 50 25.7	68.6	1	0.93
7528	B. A. C. 6071 . . .	5.5	49 24.27	62.2	3	3.167	− 4 3 30.7	68.6	2	0.93
7529	B. A. C. 6070 . . .	6.2	49 25.09	64.0	3	4.073	− 36 50 20.5	67.3	3	0.93
7530	Anonymous . . .	6.0	49 31.08	69.5	2	4.136	− 38 33 12.6	67.2	3	0.91
7531	Anonymous		17 49 32.	. .	.	+ 3.784	− 28 4 9.2	57.5	1	− 0.92
7532	Anonymous		49 35.	. .	.	3.783	− 28 1 53.5	57.5	2	0.91
7533	O. Arg. S. 17412 . .	8.0	49 42.20	65.6	3	3.698	− 25 7 17.5	68.6	2	0.90
7534	Lacaille 7516 . . .	7.0	49 42.40	64.6	2	4.076	− 36 55 9.7	66.6	2	0.90
7535	Lacaille 7514 . . .	6.0	49 45.03	65.9	2	4.252	− 41 28 8.4	68.5	2	0.90
7536	B. A. C. 6072 . . .	6.4	17 49 46.14	63.8	9	+ 3.804	− 28 44 21.6	63.5	2	− 0.89
7537	89 Herculis	5.5*	49 46.27	55.3	3	2.418	+ 26 4 29.1	54.5	4	0.89
7538	Weisse XVII, 1014 .	7.0	49 54.08	67.1	2	3.070	+ 0 5 20.9	68.6	2	0.88
7539	O. Arg. S. 17419 . .	9.0	50 5.22	69.5	2	3.747	− 26 48 32.2	65.5	2	0.86
7540	B. A. C. 6074, (1st *) .	6.0	50 5.84	61.6	7	3.851	− 30 14 4.1	69.3	3	0.87
7541	B. A. C. 6074, (2d *) .	8.1	17 50 6.22	64.1	2	+ 3.851	− 30 14 5.8	69.3	3	− 0.87
7542	Anonymous. . . .	8.5	50 10.60	69.5	1	3.888	− 31 25 28.2	67.0	2	0.86
7543	Dorpat 2245, (1st *) .	7.8	50 15.95	66.7	8	2.629	+ 18 21 2.3	66.9	3	0.85
7544	Dorpat 2245, (2d *) .	7.8	50 16.13	67.0	9	2.629	+ 18 21 2.3	66.9	3	0.85
7545	O. Arg. S. 17426 . .	7.8	50 23.65	65.6	2	3.700	− 25 10 16.3	70.1	2	0.84
7546	O. Arg. S. 17433 . .	9.5	17 50 34.92	65.0	2	+ 3.445	− 15 35 13.8	57.5	2	− 0.82
7547	Lacaille 7520 . . .	6.9	50 35.02	62.6	4	4.163	− 39 13 50.4	70.5	2	0.82
7548	B. A. C. 6076 . . .	6.8	50 42.66	63.6	2	3.953	− 33 23 34.4	58.6	2	0.81
7549	ξ Draconis	4.0*	51 6.37	46.0	5	1.023	+ 56 53 43.8	64.4	2	0.78
7550	Anonymous . . .	7.5	51 8.25	66.6	2	4.078	− 36 57 8.4	71.5	2	0.78

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			h. m. s.			″	° ′ ″			″
7551	O. Arg. S. 17443 . .	7.5	17 51 9.39	64.6	2	+ 3.586	— 21 1 45.3	66.6	2	— 0.77
7552	4 Sagittarii	4.8	51 14.73	62.8	25	3.661	— 23 47 57.0	65.6	2	0.77
7553	O. Arg. S. 17447 . .	8.1	51 16.29	67.5	2	3.699	— 25 8 47.4	68.1	2	0.76
7554	ν Ophiuchi	5.0	51 19.33	48.2	3	3.302	— 9 45 11.4	70.0	2	0.76
7555	O. Arg. S. 17449 . .	8.2	51 22.05	67.5	2	3.697	— 25 4 19.9	70.5	2	0.76
7556	θ Herculis	4.8	17 51 27.08	68.6	2	+ 2.055	+ 37 16 17.2	47.6	3	— 0.75
7557	5 Sagittarii	5.5	51 36.59	57.2	9	3.674	— 24 16 8.1	66.5	2	0.74
7558	B. A. C. 6081 . . .	5.3	51 40.40	67.1	2	3.567	— 20 19 28.0	66.6	2	0.73
7559	Anonymous . . .	8.5	51 50.30	65.6	2	3.804	— 28 41 53.5	69.6	2	0.71
7560	Anonymous . . .	6.0	51 54.70	68.9	3	4.119	— 38 4 14.8	65.1	3	0.71
7561	O. Arg. N. 17663 . .	8.5	17 51 56.58	59.2	2	+ 1.392	+ 51 31 8.7	70.6	2	— 0.71
7562	O. Arg. N. 17680 . .	9.5	51 59.36	65.1	2	2.501	+ 76 31 . .	.	.	0.70
7563	O. Arg. S. 17466 . .	7.5	52 17.86	69.9	3	3.672	— 24 11 50.8	68.5	3	0.68
7564	B. A. C. 6083 . . .	6.4	52 20.21	63.4	8	4.056	— 36 22 3.6	68.9	3	0.67
7565	Anonymous . . .	8.4	52 21.43	64.5	2	3.071	+ 0 2 7.8	70.6	1	0.67
7566	Anonymous . . .	. .	17 52 28.	. .	.	+ 2.698	— 15 39 25.5	56.5	2	— 0.66
7567	Anonymous . . .	8.2	52 28.88	68.5	2	3.779	— 27 52 6.3	56.4	4	0.66
7568	O. Arg. S. 17467 . .	7.8	52 30.23	66.0	2	3.830	— 29 34 38.3	68.5	2	0.66
7569	Anonymous . . .	8.0	52 38.48	65.5	3	3.654	— 23 32 36.3	68.5	2	0.64
7570	Anonymous . . .	7.6	52 41.90	63.6	2	4.056	— 36 21 2.6	68.8	1	0.64
7571	ν Herculis.	5.0*	17 53 8.70	59.5	2	+ 2.294	+ 30 12 11.5	53.9	7	— 0.60
7572	Anonymous . . .	7.0	53 16.18	63.3	1	3.671	— 24 8 56.2	70.5	1	0.59
7573	γ Draconis	2.3*	53 21.34	50.3	94	1.391	+ 51 30 23.9	49.6	102	0 58
7574	O. Arg. S. 17503 . .	9.2	53 47.88	65.0	2	3.446	— 15 38 26.0	69.1	2	0.54
7575	Anonymous . . .	6.0	53 49.43	48.5	1	2.090	+ 36 18 10.6	48.5	1	0.54
7576	93 Herculis.	5.0*	17 53 49.44	59.5	2	+ 2.669	+ 16 45 41.2	54.5	3	— 0.54
7577	O. Arg. S. 17506, (1st *)	9.0	53 53.23	64.5	3	3.640	— 23 1 . .	.	.	0.53
7578	O. Arg. S. 17506, (2d *)	8.5	53 53 63	64.5	4	3.640	— 23 1 27.6	64.6	1	0.53
7579	Anonymous . . .	7.9	54 2.11	68.5	2	3.777	— 27 49 17.9	56.4	4	0.52
7580	O. Arg. S. 17509 . .	7.5	54 2.33	65.5	4	3.637	— 22 53 58.4	68.6	2	0.52
7581	O. Arg. S. 17510 . .	7.0	17 54 3.98	63.2	10	+ 3.674	— 24 14 58.5	66.5	2	— 0.52
7582	Lalande 32974 . . .	5.8	54 5.17	69.1	2	3.777	— 27 49 . .	.	.	0.52
7583	O. Arg. S. 17512 . .	8.0	54 5.24	62.4	3	3.674	— 24 14 29.7	69.7	1	0.52
7584	Lalande 32986 . . .	8.5	54 5.80	59.6	2	3.461	— 16 13 9.7	55.5	3	0.52
7585	Anonymous. . . .	7.6	54 15.18	65.5	5	3.599	— 21 30 9.9	69.5	2	0.50
7586	B. A. C. 6098 . . .	7.0	17 54 16.20	66.0	2	+ 3.578	— 20 43 57.5	67.5	2	— 0.50
7587	7 Sagittarii	5.8	54 16.38	63.0	11	3.675	— 24 16 37.4	66.6	2	0.50
7588	Lacaille 7534 . . .	7.0	54 46.98	62.6	2	4.219	— 40 38 8.8	68.5	2	0.46
7589	Anonymous. . . .	7.9	54 49.53	65.5	3	3.636	— 22 52 50.6	68.6	2	0.45
7590	O. Arg. S. 17533 . .	9.0	55 5.18	60.6	2	3.775	— 27 43 40.6	69.6	2	0.43

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			h. m. s.			s	° ′ ″			″
7591	O. Arg. S. 17535	9.3	17 55 6.92	69.6	1	+ 3.775	− 27 44 21.9	68.6	1	− 0.43
7592	Anonymous	7.8	55 17.30	68.6	2	3.714	− 25 39 50.2	58.5	2	0.41
7593	9 Sagittarii	6.1	55 17.36	64.1	15	3.677	− 24 21 34.5	65.5	3	0.41
7594	O. Arg. S. 17540	6.9	55 21.97	65.8	9	3.676	− 24 18 40.9	67.6	2	0.40
7595	B. A. C. 6103	6.0	55 24.85	65.5	2	4.040	− 35 54 2.0	69.1	2	0.40
7596	Anonymous	7.2	17 55 26.73	65.0	6	+ 3.635	− 22 50 10.4	66.9	3	− 0.40
7597	95 Herculis, (1st *)	5.5	55 33.63	62.4	7	2.542	+ 21 35 55.5	57.3	4	0.39
7598	95 Herculis, (2d *)	5.5	55 34.10	62.4	7	2.542	+ 21 35 56.1	67.6	2	0.39
7599	Anonymous	7.2	55 40.84	71.5	1	3.674	− 24 14 37.2	66.5	1	0.38
7600	Anonymous	7.5	55 41.	. .	.	+ 3.672	− 24 10 59.7	70.9	3	0.38
7601	35 Draconis	5.5	17 55 43.14	68.5	1	− 2.709	+ 76 58 41.4	64.3	4	− 0.37
7602	O. Arg. S. 17555	7.0	55 50.67	63.6	4	+ 3.678	− 24 23 8.8	69.1	2	0.36
7603	O. Arg. S. 17558	8.5	55 52.45	66.0	2	3.779	− 27 51 55.8	69.1	2	0.36
7604	O. Arg. S. 17560	8.0	55 53.07	65.6	1	3.677	− 24 21 44.1	67.5	2	0.36
7605	Lacaille 7546	6.1	55 59.50	62.7	2	4.097	− 37 28 24.2	68.5	1	0.35
7606	γ^1 Sagittarii	4.8	17 56 4.64	62.1	7	+ 3.831	− 29 34 54.5	68.0	2	− 0.34
7607	Anonymous	. .	56 8.	. .	.	3.656	− 23 36 17.7	68.6	1	0.34
7608	B. A. C. 6108	6.5	56 8.47	66.0	2	3.713	− 25 37 25.0	70.1	2	0.34
7609	Lacaille 7551	7.5	56 15.36	63.6	4	3.064	− 36 34 58.4	68.6	2	0.33
7610	Anonymous	8.7	56 16.68	70.1	2	3.656	− 23 35 58.7	71.5	1	0.33
7611	Weisse XVII, 1174	8.0	17 56 24.31	65.6	1	+ 3.013	+ 2 30 55.1	69.1	2	− 0.31
7612	Lalande 33089	7.8	56 29.97	64.6	2	3.482	− 17 2 0.1	56.8	10	0.31
7613	Anonymous	8.2	56 31.11	70.5	1	4.095	− 37 26 14.3	70.5	1	0.30
7614	O. Arg. S. 17576	7.5	56 31.76	60.6	3	3.777	− 27 50 14.3	58.8	6	0.30
7615	B. A. C. 6111	6.5	56 35.35	63.3	5	3.678	− 24 24 5.0	66.5	2	0.30
7616	Anonymous	8.0	17 56 39.09	70.5	1	+ 4.098	− 37 30 0.4	69.5	2	− 0.29
7617	B. A. C. 6113	7.0*	56 44.96	59.5	2	3.822	− 29 16 47.7	55.2	8	0.28
7618	γ^2 Sagittarii	3.4*	56 48.86	64.0	31	3.857	− 30 25 19.4	68.3	4	0.28
7619	Anonymous	8.5	57 5.57	65.1	2	3.777	− 27 47 38.5	57.5	2	0.25
7620	O. Arg. S. 17597	7.5	57 30.26	66.9	3	3.673	− 24 12 5.1	68.9	3	0.22
7621	Anonymous	8.3	17 57 34.54	68.5	2	+ 4.078	− 36 36 55.9	66.6	1	− 0.21
7622	Anonymous	8.7	57 46.58	65.5	3	3.598	− 21 28 5.4	69.6	2	0.20
7623	O. Arg. S. 17610	9.0	57 53.48	64.5	2	3.709	− 25 28 56.0	70.1	2	0.18
7624	B. A. C. 6120	6.6	57 54.48	62.5	4	3.794	− 28 22 16.4	68.6	2	0.18
7625	O. Arg. S. 17612	8.5	57 55.50	67.6	2	3.672	− 24 9 55.2	70.6	2	0.18
7626	Lacaille 7563	7.0	17 58 14.96	62.9	3	+ 4.139	− 38 34 32.4	62.6	2	− 0.15
7627	70 Ophiuchi, (1st *)	6.0	58 22.77	64.8	4	3.013	+ 2 31 58.1	69.6	4	0.14
7628	70 Ophiuchi, (2d *)	7.2	58 23.18	64.8	4	3.013	+ 2 31 55.9	70.3	3	0.14
7629	Lalande 33147	7.5	58 27.15	65.5	2	3.599	− 21 30 50.3	70.3	3	0.14
7630	Rumker 6208	8.0	58 39.84	66.1	2	1.729	+ 45 7 39.0	66.1	2	0.12

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			h. m. s.			″	° ′ ″			″
7631	B. A. C. 6125 . . .	6.8	17 58 47.55	65.5	5	+ 3.598	— 21 27 15.1	68.6	2	— 0.11
7632	O. Arg. S. 17648 . .	7.5	58 57.20	64.4	1	3.591	— 21 12 43.3	69.1	2	0.09
7633	Lalande 33178 . . .	9.0	59 6.65	59.6	2	3.472	— 16 40 2.4	58.1	3	0.08
7634	Anonymous . . .	8.6	59 12.68	67.5	2	3.637	— 22 54 32.8	69.1	2	0.07
7635	B. A. C. 6127 . . .	4.9	59 12.93	63.3	4	3.797	— 28 28 6.6	66.0	2	0.07
7636	Anonymous . . .	7.5	17 59 20.85	67.5	4	+ 3.637	— 22 53 30.4	69.6	3	— 0.06
7637	B. A. C. 6128 . . .	6.5	59 31.02	63.6	1	4.407	— 44 57 37.4	69.0	2	0.04
7638	Anonymous . . .	7.0	59 37.35	68.6	2	3.773	— 27 39 28.8	56.4	9	0.03
7639	Lacaille 7580 . . .	6.5	59 52.82	63.2	3	4.068	— 36 41 16.2	68.6	2	0.01
7640	B. A. C. 6131 . . .	7.0	59 55.64	61.5	7	3.881	— 31 10 28.3	58.6	2	0.01
7641	B. A. C. 6130 . . .	7.0	17 59 56.12	60.9	5	+ 3.844	— 30 0 29.3	54.0	3	— 0.01
7642	O. Arg. S. 17680 . .	7.6	18 0 5.12	61.5	4	3.777	— 27 47 56.9	65.0	4	+ 0.01
7643	O. Arg. S. 17681 . .	7.3	0 5.28	64.5	4	3.592	— 21 16 4.1	66.3	3	0.01
7644	Anonymous . . .	8.5	0 9.98	61.0	2	3.776	— 27 45 18.5	61.2	3	0.01
7645	B. A. C. 6132 . . .	7.2	0 14.58	61.8	11	3.710	— 25 29 19.8	56.2	5	0.02
7646	Lalande 33210 . . .	6.5	18 0 14.75	65.5	4	+ 3.598	— 21 27 54.2	68.6	3	+ 0.02
7647	O. Arg. S. 17695 . .	7.6	0 27.82	61.3	6	3.776	— 27 45 3.8	58.4	8	0.04
7648	Anonymous . . .	8.0	0 31.92	65.5	2	3.596	— 21 24 58.4	70.1	2	0.05
7649	72 Ophiuchi	5.5	0 42.81	57.5	2	2.847	+ 9 32 50.4	68.6	2	0.06
7650	Lacaille 7588 . . .	6.0	0 49.46	65.6	2	3.931	— 32 43	. .	.	0.07
7651	ε Telescopii	5.5	18 0 50.16	48.5	1	+ 4.455	— 45 58 27.8	71.6	4	+ 0.07
7652	B. A. C. 6144 . . .	7.4	0 54.85	68.6	2	3.913	— 32 9 45.6	58.7	1	0.08
7653	B. A. C. 6145 . . .	6.0*	1 4.	. .	.	3.867	— 30 44 47.1	69.6	2	0.09
7654	Lamont 5992 . . .	8.0	1 4.23	68.1	2	3.011	+ 2 37 4.0	68.0	2	0.09
7655	Lamont 5993 . . .	7.2	1 6.79	68.6	3	3.011	+ 2 35 16.4	68.6	2	0.10
7656	Anonymous. . . .	8.0	18 1 18.08	60.6	2	+ 3.880	— 31 7 39.1	69.1	2	+ 0.11
7657	O. Arg. S. 17728 . .	8.5	1 20.60	64.6	2	3.542	— 19 22 33.1	65.1	2	0.12
7658	b Herculis.	5.5*	1 42.68	59.5	2	2.283	+ 30 32 38.1	53.5	4	0.15
7659	(* 33) Washington. . .		1 58.31	61.6	1	3.486	— 17 13 34.6	56.0	4	0.17
7660	o Herculis.	4.0*	2 4.85	56.7	7	2.339	+ 28 44 43.6	55.1	11	0.18
7661	100 Herculis, (1st *) . .	5.5	18 2 10.87	68.6	2	+ 2.417	+ 26 5 0.5	62.6	2	+ 0.19
7662	100 Herculis, (2d *) . .	5.5	2 10.95	68.6	2	2.417	+ 26 4 45.5	62.6	2	0.19
7663	Weisse (2) XVIII, 44 .	7.6	2 13.75	69.5	2	2.086	+ 36 24 15.1	48.6	1	0.20
7664	Lacaille 7595 . . .	6.7	2 19.27	63.2	3	4.010	— 35 2 56.1	68.6	2	0.21
7665	B. A. C. 6153 . . .	6.5	2 24.64	62.6	5	3.718	— 25 47 8.9	69.7	2	0.21
7666	Anonymous . . .	8.5	18 2 25.76	69.0	2	+ 4.169	— 39 22 5.4	69.6	2	+ 0.21
7667	Weisse XVIII, 18 . .	8.5	2 25.89	64.9	3	3.012	+ 2 34 46.2	68.0	2	0.21
7668	Anonymous . . .	9.5	2 36.15	63.6	2	3.485	— 17 9 46.2	69.6	2	0.23
7669	73 Ophiuchi	6.5	2 36.21	64.4	2	2.979	+ 3 58 23.7	71.0	5	0.23
7670	Anonymous . . .	8.5	2 37.19	63.0	5	3.485	— 17 9 54.7	67.3	3	0.23

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
7671	Anonymous . . .	8.5	18 2 37.20	67.5	2	+ 3.650	− 23 22 29.0	70.5	2	+ 0.23
7672	Lacaille 7598 . . .	7.6	2 45.39	69.0	2	4.169	− 39 22 2.0	69.6	2	0.24
7673	B. A. C. 6160 . . .	6.4	3 4.39	64.4	4	3.811	− 28 55 37.0	61.8	4	0.27
7674	B. A. C. 6161 . . .	5.7	3 10.75	57.8	10	3.660	− 23 43 32.4	59.6	5	0.28
7675	Lacaille 7605 . . .	6.9	3 15.98	69.0	2	4.162	− 39 11 2.5	66.6	2	0.29
7676	Dorpat 2288 . . .	7.5	18 3 21.18	67.0	2	+ 3.013	+ 2 30 24.6	72.6	1	+ 0.29
7677	O. Arg. S. 17796 . .	7.5	3 37.04	67.6	2	3.570	− 20 26 59.2	69.6	2	0.31
7678	O. Arg. S. 17797 . .	8.7	3 40.65	70.1	2	3.791	− 28 15 46.6	58.6	2	0.32
7679	B. A. C. 6163 . . .	7.5	3 46.76	67.1	5	3.791	− 28 15 52.7	61.2	3	0.33
7680	O. Arg. S. 17809 . .	8.0	3 58.27	65.6	1	3.544	− 19 27 37.3	67.5	2	0.35
7681	O. Arg. S. 17817 . .	8.7	18 4 18.17	65.5	3	+ 3.586	− 21 0 57.7	71.5	2	+ 0.38
7682	B. A. C. 6166 . . .	7.0*	4 30.20	60.1	2	3.907	− 31 59 52.8	53.6	2	0.39
7683	12 Sagittarii	7.8	4 32.28	64.6	2	3.644	− 23 8 49.4	68.6	2	0.40
7684	Anonymous . . .	8.0	4 34.87	69.5	1	2.084	+ 36 27 57.5	48.4	1	0.40
7685	Anonymous . . .	. .	4 35	. .	.	3.587	− 21 3 37.5	69.7	1	0.40
7686	Anonymous . . .	8.2	18 4 35.26	66.6	2	+ 4.103	− 37 39 11.6	68.6	2	+ 0.40
7687	Anonymous. . . .	7.2	4 35.28	68.6	2	3.492	− 17 26 37.0	58.1	2	0.40
7688	O. Arg. S. 17833 . .	8.3	4 44.32	69.5	1	3.700	− 25 10 51.3	56.4	4	0.41
7689	Anonymous . . .	6.8	4 46.53	63.5	2	3.995	− 34 37 44.2	70.0	2	0.42
7690	Anonymous . . .	8.0	4 53.02	69.6	1	4.105	− 37 41 0.7	68.6	2	0.43
7691	Anonymous . . .	6.5	18 4 59.16	69.6	2	+ 2.010	+ 38 27 10.0	48.6	1	+ 0.44
7692	Lalande 33472 . . .	5.5	5 6.73	69.6	1	2.085	+ 36 26 25.1	47.6	1	0.45
7693	Anonymous . . .	9.4	5 20.93	69.0	4	3.587	− 21 4 53.5	70.3	3	0.47
7694	Anonymous . . .	. .	5 22.	. .	.	3.769	− 27 32 6.6	56.5	4	0.47
7695	μ Sagittarii	4.9	5 23.46	57.9	226	3.588	− 21 5 29.6	51.0	18	0.47
7696	Anonymous . . .	9.3	18 5 26.75	69.0	4	+ 3.588	− 21 5 54.5	70.3	3	+ 0.48
7697	O. Arg. S. 17861 . .	7.2	5 39.93	66.6	2	3.809	− 28 52 24.4	70.1	2	0.50
7698	O. Arg. S. 17871 . .	7.0	5 51.28	68.2	3	3.605	− 21 44 47.0	70.2	3	0.51
7699	B. A. C. 6173 . . .	6.8	6 7.57	64.9	3	3.839	− 29 51 31.4	67.2	3	0.54
7700	Lacaille 7629 . . .	6.3	6 8.02	63.5	2	3.995	− 34 37 51.8	66.1	2	0.54
7701	Anonymous . . .	9.2	18 6 10.66	67.6	2	+ 3.531	− 18 57 54.3	69.1	2	+ 0.54
7702	B. A. C. 6174 . . .	7.0	6 21.80	63.0	3	4.065	− 36 36 40.9	66.1	2	0.56
7703	B. A. C. 6175 . . .	7.0	6 28.18	69.0	2	3.920	− 32 22 46.4	58.6	2	0.57
7704	(* 34) Washington. .	9.0	6 29.20	61.5	2	3.491	− 17 23 55.8	56.3	4	0.57
7705	A Herculis	5.0	6 38.03	61.6	3	2.257	+ 31 22 21.9	53.4	4	0.58
7706	O. Arg. S. 17892 . .	7.9	18 6 45.69	65.8	6	+ 3.532	− 18 58 50.2	68.6	2	+ 0.59
7707	15 Sagittarii	5.5	6 51.82	66.6	2	3.579	− 20 45 58.3	63.0	6	0.60
7708	Anonymous . . .	8.0	6 54.87	48.6	1	2.040	+ 37 41 11.6	48.6	1	0.61
7709	O. Arg. S. 17905 . .	8.0	7 2.03	65.1	5	3.533	− 19 1 50.7	69.8	4	0.62
7710	B. A. C. 6181 . . .	7.0*	7 7.28	69.6	2	3.882	− 31 12 55.4	58.5	2	0.62

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			h. m. s.			"	° ′ ″			"
7711	O. Arg. S. 17916 . .	8.2	18 7 13.38	65.1	5	+ 3.531	− 18 57 47.4	69.1	2	+ 0.63
7712	B. A. C. 6182 . . .	7.0	7 14.52	63.6	2	3.886	− 31 21 37.4	62.6	2	0.63
7713	Anonymous . . .	6.3	7 17.22	68.5	4	3.524	− 18 42 2.0	68.6	2	0.64
7714	O. Arg. S. 17922 . .	8.5	7 17.41	69.6	2	3.717	− 25 45 2.6	56.4	4	0.64
7715	O. Arg. S. 17927 . .	7.5	7 26.62	67.2	2	3.812	− 28 58 19.2	70.1	2	0.65
7716	O. Arg. S. 17928 . .	8.2	18 7 30.60	65.0	4	+ 3.532	− 18 59 34.7	70.0	7	+ 0.66
7717	Anonymous . . .	8.6	7 30.72	69.5	2	3.857	− 30 26 43.1	64.6	2	0.66
7718	Anonymous . . .	7.3	7 31.92	65.5	3	3.531	− 18 57 2.3	70.1	2	0.66
7719	Anonymous . . .	8.0	7 35.80	69.0	2	3.766	− 27 27 14.7	56.4	3	0.66
7720	Lalande 33592 . . .	8.0	7 55.68	68.6	3	2.007	+ 38 33 49.0	48.4	1	0.69
7721	Anonymous . . .	9.0	18 7 59.59	68.6	2	+ 2.007	+ 38 33 20.2	48.4	1	+ 0.70
7722	B. A. C. 6187 . . .	6.7	8 8.98	62.9	4	3.775	− 27 45 15.5	68.7	2	0.71
7723	η Sagittarii	3.0	8 9.09	61.6	4	4.072	− 36 47 56.8	54.6	2	0.71
7724	Anonymous . . .	7.5	8 11.01	65.2	3	3.532	− 19 0 52.5	68.6	2	0.72
7725	B. A. C. 6188 . . .	7.0	8 12.13	63.6	2	3.886	− 31 20 24.2	62.6	2	0.72
7726	17 Sagittarii	7.0	18 8 14.92	65.5	2	+ 3.574	− 20 35 10.8	67.0	2	+ 0.72
7727	Lalande 33602 . . .	7.2	8 17.65	68.7	2	2.131	+ 35 9 34.9	48.6	1	0.73
7728	Lacaille 7646 . . .	6.8	8 19.31	65.0	4	3.978	− 34 9 4.2	68.5	3	0.73
7729	Anonymous . . .	8.8	8 24.28	66.6	2	3.978	− 34 7 52.6	67.5	1	0.74
7730	B. A. C. 6193 . . .	6.0	8 24.56	68.6	2	2.000	+ 38 44 12.6	48.5	1	0.73
7731	B. A. C. 6191 . . .	6.0	18 8 31.42	64.6	2	+ 3.792	− 28 19 38.3	67.7	2	+ 0.75
7732	B. A. C. 6190 . . .	6.4	8 31.48	62.6	2	3.804	− 28 41 45.1	63.0	3	0.75
7733	B. A. C. 6192 . . .	6.2	8 37.38	69.5	2	3.955	− 33 26 30.6	58.6	2	0.76
7734	Anonymous. . . .	9.0	8 38.01	67.6	2	3.521	− 18 35 35.0	70.5	2	0.76
7735	O. Arg. S. 17965 . .	7.6	8 43.88	65.3	4	3.532	− 19 0 43.0	68.6	3	0.76
7736	Anonymous . . .	6.5	18 9 2.80	68.5	2	+ 3.491	− 17 25 6.4	55.7	2	+ 0.79
7737	O. Arg. S. 17975 . .	9.0	9 4.33	61.6	2	3.657	− 23 38 6.8	58.0	4	0.79
7738	Lacaille 7657 . . .	6.4	9 10.76	66.6	2	3.998	− 34 43 59.7	68.1	2	0.80
7739	B. A. C. 6194 . . .	5.4	9 17.37	67.6	3	3.755	− 27 5 21.0	56.5	4	0.81
7740	Lalande 33598 . . .	6.0	9 37.05	69.5	1	3.528	− 18 50 42.2	56.5	3	0.84
7741	O. Arg. S. 18000 . .	8.0	18 9 44.89	68.3	3	+ 3.525	− 18 44 59.3	67.1	2	+ 0.85
7742	Anonymous . . .	. .	10 0.	. .	.	3.723	− 25 59 3.3	56.5	3	0.87
7743	B. A. C. 6199 . . .	6.4	10 1.91	63.4	2	3.713	− 25 39 8.9	68.6	2	0.88
7744	Lalande 33692 . . .	8.2	10 7.44	69.6	2	2.052	+ 37 22 10.5	48.6	1	0.89
7745	O. Arg. S. 18015 . .	7.2	10 29.93	65.5	5	+ 3.523	− 18 40 9.3	66.1	2	0.92
7746	40 Draconis	5.0*	18 10 30.62	62.7	4	− 4.485	+ 79 58 39.3	67.7	2	+ 0.92
7747	O. Arg. S. 18017 . .	8.0	10 30.90	65.8	4	+ 3.523	− 18 39 56.2	67.6	2	0.92
7748	41 Draconis	5.0*	10 36.85	62.7	4	− 4.487	+ 79 58 50.7	67.7	2	0.93
7749	Lacaille 7661 . . .	6.5	10 53.56	63.5	4	+ 4.024	− 35 28 54.6	68.1	2	0.95
7750	Anonymous . . .	8.8	11 21.14	68.5	2	3.500	− 17 46 32.4	58.1	2	0.99

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			h. m. s.			″	° ′ ″			″
7751	Lacaille 7662 . . .	6.5	18 11 21.64	62.6	2	+ 4.098	— 37 32 33.2	66.6	2	+ 0.99
7752	B. A. C. 6202 . . .	7.0*	11 22.47	61.6	4	3.886	— 31 22 17.6	56.9	6	0.99
7753	O. Arg. S. 18044 . .	8.0	11 24.07	62.7	5	3.649	— 23 22 6.2	56.3	3	1.00
7754	Lalande 33694 . . .	7.1	11 39.96	66.2	3	3.501	— 17 48 15.5	61.2	8	1.02
7755	Anonymous . . .	7.2	11 52.99	68.6	2	2.667	+ 36 58 44.4	48.6	1	1.04
7756	δ Sagittarii	2.9	18 12 1.85	61.4	13	+ 3.839	— 29 53 0.0	58.9	5	+ 1.05
7757	B. A. C. 6210 . . .	6.0*	12 5.14	60.1	2	3.452	— 15 53 6.7	54.6	2	1.06
7758	Anonymous. . . .	8.4	12 9.08	65.1	2	3.794	— 28 24 13.4	69.1	2	1.06
7759	18 Sagittarii	6.0	12 14.14	65.5	1	3.874	— 30 59 52.4	71.0	6	1.07
7760	B. A. C. 6212 . . .	7.0*	12 19.79	59.6	2	3.914	— 32 14 16.8	57.9	4	1.08
7761	B. A. C. 6214 . . .	6.5	18 12 30.60	63.6	2	+ 3.727	— 26 8 33.9	56.4	3	+ 1.09
7762	B. A. C. 6217 . . .	5.7	12 54.23	60.6	2	3.694	— 24 58 27.9	68.6	2	1.13
7763	B. A. C. 6220 . . .	6.6	13 8.56	65.1	2	3.796	— 28 29 22.9	65.1	2	1.15
7764	Lalande 33748 . . .	6.3	13 8.77	69.1	2	3.530	— 18 55 6.2	56.5	3	1.15
7765	B. A. C. 6221 . . .	6.2	13 23.80	62.7	2	4.068	— 36 43 48.9	66.5	2	1.17
7766	B. A. C. 6222 . . .	6.5	18 13 33.68	62.2	6	+ 3.638	— 22 58 54.6	60.8	4	+ 1.19
7767	Taylor 8458	8.4	13 37.77	69.4	6	3.737	— 26 28 39.5	61.2	7	1.19
7768	Anonymous. . . .	9.0	13 54.34	69.4	6	3.738	— 26 30 30.7	69.4	5	1.21
7769	Anonymous. . . .	9.3	13 58.38	69.5	4	3.738	— 26 31 16.0	72.6	2	1.22
7770	B. A. C. 6226 . . .	6.0	14 1.58	64.1	2	4.052	— 36 18 8.1	67.1	2	1.23
7771	η Serpentis	2.9	18 14 3.82	63.6	13	+ 3.140	— 2 56 0.2	68.6	4	+ 1.23
7772	O. Arg. S. 18115, (1st *)	8.4	14 12.74	64.9	3	3.433	— 15 9 11.2	68.1	2	1.24
7773	O. Arg. S. 18115, (2d *)	8.2	14 13.29	64.9	3	3.433	— 15 9 0.6	68.1	2	1.24
7774	ε Sagittarii	3.0	14 52.64	55.2	5	3.987	— 34 26 47.4	63.6	4	1.30
7775	Anonymous . . .	9.0	14 53.77	70.3	3	4.140	— 38 40 46.0	70.6	3	1.30
7776	κ Lyræ.	4.5*	18 14 57.28	60.0	4	+ 2.103	+ 36 0 12.4	52.8	10	+ 1.31
7777	Anonymous . . .	8.5	15 6.13	69.8	4	3.735	— 26 26 9.9	69.6	2	1.32
7778	Anonymous . . .	8.0	15 18.47	70.3	3	4.139	— 38 38 38.2	69.3	6	1.34
7779	O. Arg. S. 18151 . .	7.2	15 26.88	69.1	6	3.738	— 26 30 53.4	61.5	4	1.35
7780	B. A. C. 6236 . . .	6.8	15 28.57	69.6	2	3.917	— 32 21 34.1	64.5	2	1.36
7781	Anonymous . . .	8.8	18 15 28.89	70.1	2	+ 3.827	— 29 31 11.7	69.6	1	+ 1.36
7782	Anonymous . . .	8.5	15 30.38	70.1	2	3.830	— 29 35 33.3	65.4	2	1.36
7783	Lacaille 7695 . . .	6.0	15 56.13	69.1	2	4.043	— 36 3 45.5	63.5	2	1.40
7784	O. Arg. S. 18160 . .	7.9	15 56.46	69.1	5	3.739	— 26 33 42.2	58.6	6	1.39
7785	B. A. C. 6241 . . .	5.5*	16 18.40	60.1	2	2.500	+ 23 12 59.8	60.7	9	1.43
7786	Lalande 33952 . . .	8.8	18 16 24.90	69.5	2	+ 2.072	+ 36 52 31.5	48.6	1	+ 1.44
7787	Anonymous . . .	. .	16 25.68	69.6	1	3.912	— 32 12 55.2	65.6	2	1.44
7788	B. A. C. 6244 . . .	7.9	16 48.92	69.6	2	+ 3.900	— 31 49 38.9	68.6	2	1.47
7789	Anonymous . . .	. .	16 56.48	69.6	1	−14.542	+ 85 40 15.8	46.4	3	1.48
7790	21 Sagittarii	5.0	17 0.71	69.6	2	+ 3.573	— 20 36	. .	.	1.49

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			h. m. s.			"	° ′ ″			"
7791	Dorpat 2313, (1st *) .	9.0	18 17 11.58	65.6	2	+ 3.228	− 6 40 31.4	67.1	2	+ 1.50
7792	Dorpat 2313, (2d *) .	7.0	17 11.68	65.6	2	3.228	− 6 40 24.2	66.3	4	1.50
7793	Anonymous . . .	7.0	17 14.91	69.6	2	2.095	+ 36 14 13.6	48.4	1	1.51
7794	O. Arg. S. 18198 . .	8.0	17 16.82	69.5	1	+ 3.587	− 21 6 35.7	65.6	2	1.51
7795	δ Ursæ Minoris . . .	4.5*	17 30.	. .	. .	−19.380	+ 86 36 6.9	56.5	166	1.53
7796	Lalande 33997 . . .	7.5	18 17 34.22	69.5	2	+ 2.074	+ 36 50 1.4	49.6	1	+ 1.54
7797	B. A. C. 6249 . . .	6.5*	17 39.89	69.6	5	3.856	− 30 28 0.1	67.1	2	1.55
7798	Lacaille 7708 . . .	6.8	17 57.20	66.1	2	4.044	− 36 5 34.3	63.5	2	1.57
7799	Anonymous . . .	7.9	18 9.22	68.6	2	3.829	− 29 35 5.7	68.7	4	1.59
7800	O. Arg. S. 18209 . .	8.0	18 10.38	69.6	2	3.652	− 23 30 40.8	67.6	2	1.59
7801	B. A. C. 6258 . . .	6.0*	18 18 11.97	61.1	2	+ 1.412	+ 51 14 3.3	54.6	3	+ 1.59
7802	Lalande 33966 . . .	8.0	18 15.17	61.5	2	3.509	− 18 9 43.7	56.2	3	1.60
7803	B. A. C. 6254 . . .	7.0	18 18.21	65.7	2	3.954	− 33 29 18.3	62.6	2	1.60
7804	B. A. C. 6256 . . .	8.3	18 27.	. .	.	3.892	− 31 36 32.3	71.9	3	1.61
7805	B. A. C. 6261 . . .	6.0	18 59.92	59.5	3	3.742	− 26 42 46.8	55.2	8	1.66
7806	λ Sagittarii	4.0	18 19 19.78	60.5	14	+ 3.707	− 25 29 42.1	63.8	4	+ 1.69
7807	B. A. C. 6264 . . .	6.5	19 21.89	64.6	2	3.746	− 26 50 12.1	54.1	4	1.69
7808	O. Arg. S. 18234 . .	8.5	19 24.64	64.6	2	3.746	− 26 50 56.4	68.6	2	1.70
7809	Anonymous . . .	8.2	19 35.41	70.1	2	3.806	− 28 51 36.2	69.6	2	1.71
7810	B. A. C. 6266 . . .	7.0	19 37.56	63.5	4	3.640	− 23 4 54.8	59.1	4	1.72
7811	(* 18) Washington . .	9.0	18 19 44.69	70.0	3	+ 3.624	− 22 29 44.1	56.6	3	+ 1.73
7812	B. A. C. 6267 . . .	6.6	19 46.30	65.2	5	3.502	− 17 52 52.1	67.2	2	1.73
7813	Anonymous. . . .	8.5	19 58.20	69.6	3	3.635	− 22 54 8.5	55.6	3	1.74
7814	d Serpentis, (1st *) . .	7.0	20 2.57	65.6	4	3.069	+ 0 6 58.6	69.6	3	1.75
7815	d Serpentis, (2d *) . .	8.5	20 2.76	65.6	4	3.069	+ 0 6	. .	.	1.75
7816	B. A. C. 6270 . . .	7.0*	18 20 13.82	59.6	2	+ 3.741	− 26 39 55.7	53.6	2	+ 1.77
7817	B. A. C. 6271 . . .	7.0	20 17.26	60.6	2	3.821	− 29 20 31.4	56.4	4	1.77
7818	Lacaille 7728 . . .	7.5	20 22.13	67.5	2	3.971	− 34 1 6.9	67.7	2	1.78
7819	Weisse XVIII, 473 .	6.5	20 40.11	67.6	2	3.069	+ 0 7 5.4	68.1	2	1.81
7820	B. A. C. 6273 . . .	6.2	20 43.81	63.6	2	3.703	− 25 20 28.9	67.7	2	1.81
7821	Anonymous . . .	8.0	18 20 47.04	69.5	2	+ 4.072	− 36 54 33.9	67.6	2	+ 1.82
7822	B. A. C. 6274 . . .	6.8	20 48.38	63.5	2	3.956	− 33 34 52.4	65.2	2	1.82
7823	B. A. C. 6279 . . .	5.4	21 13.02	62.0	4	3.420	− 14 39 4.8	69.6	3	1.85
7824	(* 17) Washington . .	9.0	21 13.84	61.6	2	3.631	− 22 46 11.2	56.6	2	1.85
7825	Anonymous . . .	8.2	21 32.39	68.5	2	4.018	− 35 24 43.9	67.7	2	1.88
7826	B. A. C. 6283 . . .	6.9	18 21 38.36	68.7	2	+ 3.806	− 28 53 0.3	66.1	2	+ 1.89
7827	Lacaille 7741 . . .	7.0	21 41.31	62.7	2	4.071	− 36 53 57.3	67.6	2	1.89
7828	B. A. C. 6284 . . .	6.0	21 47.65	64.9	2	3.420	− 14 40 12.4	69.8	4	1.90
7829	B. A. C. 6285 . . .	5.5	21 53.71	66.1	2	3.939	− 33 4 39.3	67.1	4	1.91
7830	23 Sagittarii	7.0	21 58.78	64.5	2	3.646	− 23 20 21.8	65.1	2	1.92

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
7831	Anonymous . . .	7.8	18 22 1.48	68.6	2	+ 2.105	+ 35 59 28.7	48.4	1	+ 1.92
7832	Anonymous . . .	7.9	22 2.35	69.5	2	3.916	− 32 22 40.2	67.0	2	1.93
7833	Anonymous . . .	7.8	22 6.32	68.6	2	+ 2.106	+ 35 56 46.9	48.5	2	1.93
7834	24 Ursæ Minoris . . .	6.0	22 36.24	67.1	3	−22.145	+ 86 58 46.3	64.8	2	1.97
7835	O. Arg. S. 18314 . .	8.5	22 36.55	64.6	2	+ 3.599	− 21 37 1.9	65.1	2	1.97
7836	O. Arg. S. 18317 . .	7.0	18 22 49.86	67.5	2	+ 3.648	− 23 24 30.2	68.7	2	+ 1.99
7837	B. A. C. 6292 . . .	7.3	23 6.16	65.1	4	3.530	− 18 59 36.5	65.1	2	2.02
7838	Lacaille 7757 . . .	6.6	23 10.99	62.9	3	4.019	− 35 26 38.5	66.7	2	2.02
7839	B. A. C. 6293 . . .	6.7	23 11.59	62.5	4	3.513	− 18 21 19.1	60.6	4	2.03
7840	Anonymous . . .	7.0	23 12.64	68.9	6	3.937	− 33 1 57.7	67.3	4	2.03
7841	B. A. C. 6294 . . .	6.0*	18 23 14.11	61.5	3	+ 3.517	− 18 29 41.0	62.1	4	+ 2.03
7842	B. A. C. 6295 . . .	7.0*	23 19.64	61.5	5	3.818	− 29 17 6.3	56.1	5	2.04
7843	θ Coronæ Australis . .	5.2	23 30.10	68.7	2	4.287	− 42 24 31.3	66.1	2	2.05
7844	Lalande 34274 . . .	7.5	23 54.57	69.1	2	2.116	+ 35 42 26.2	48.6	1	2.09
7845	Anonymous . . .	8.3	24 1.09	67.3	3	3.938	− 33 4 41.1	69.6	3	2.10
7846	Lalande 34222 . . .	8.5	18 24 4.38	65.1	2	+ 3.620	− 22 23 20.9	55.5	2	+ 2.10
7847	Anonymous . . .	8.4	24 10.15	69.1	2	4.070	− 36 54 12.6	67.6	2	2.11
4848	B. A. C. 6301 . . .	7.0	24 14.87	65.5	2	3.532	− 19 4 7.2	58.0	5	2.12
7849	Lalande 34229 . . .	8.5	24 18.79	60.9	3	3.615	− 22 13 57.0	56.2	2	2.12
7850	Weisse XVIII, 570 .	9.1	24 31.45	65.6	4	3.340	− 11 23 9.6	65.6	3	2.14
7851	B. A. C. 6304 . . .	6.2	18 24 40.75	64.9	5	+ 3.670	− 24 12 26.3	59.2	4	+ 2.15
7852	e Serpentis	5.8	24 43.16	69.0	2	3.097	− 1 5 56.9	57.6	3	2.16
7853	B. A. C. 6305 . . .	6.0	24 46.59	63.3	5	3.939	− 33 6 57.3	62.9	3	2.16
7854	Anonymous . . .	8.3	24 51.50	69.6	3	0.659	+ 61 8 55.0	54.5	3	2.18
7855	B. A. C. 6308 . . .	7.1	24 54.21	63.3	5	3.937	− 33 3 39.0	66.1	4	2.17
7856	B. A. C. 6309 . . .	6.0	18 24 57.88	69.6	2	+ 3.516	− 18 27 59.1	69.6	3	+ 2.18
7857	B. A. C. 6310 . . .	7.1	25 14.85	64.7	7	3.870	− 30 59 1.4	66.6	4	2.20
7858	24 Sagittarii	5.9	25 20.26	64.4	5	3.667	− 24 7 56.8	69.4	3	2.21
7859	Anonymous . . .	9.0	25 23.03	66.8	5	3.869	− 30 58 8.4	69.1	2	2.22
7860	Lacaille 7765 . . .	7.0	25 31.65	62.7	2	4.179	− 39 47 47.9	68.1	2	2.23
7861	O. Arg. S. 18395 . .	8.0	18 25 53.01	64.1	2	+ 3.494	− 17 38 20.1	66.6	2	+ 2.26
7862	25 Sagittarii	7.0	25 58.81	58.5	3	3.673	− 24 19 30.1	68.2	2	2.27
7863	B. A. C. 6317 . . .	7.2	26 16.00	63.5	2	3.934	− 32 59 43.7	63.1	2	2.29
7864	Anonymous . . .	8.4	26 22.72	69.1	2	4.070	− 36 54 59.5	67.6	2	2.30
7865	B. A. C. 6319 . . .	7.4	26 46.24	62.3	3	3.840	− 30 2 36.1	69.6	3	2.34
7866	O. Arg. S. 18413 . .	7.5	18 26 54.63	68.6	2	+ 3.614	− 22 11 47.8	56.2	2	+ 2.35
7867	B. A. C. 6322 . . .	6.0*	26 56.60	59.9	3	2.494	+ 23 30 53.7	53.5	4	2.35
7868	B. A. C. 6321 . . .	6.0	27 3.27	69.0	3	3.833	− 29 48 19.5	66.6	2	2.36
7869	Lalande 34354 . . .	7.5	27 24.05	59.9	3	3.520	− 18 39 26.3	59.0	5	2.39
7870	1 Aquilæ	5.5*	27 35.27	65.4	93	3.266	− 8 20 19.6	64.5	10	2.41

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			h. m. s.			"	° ′ ″			"
7871	Lalande 34412 . . .	7.6	18 28 4.48	69.1	2	+ 2.060	+ 37 19 40.0	48.6	1	+ 2.45
7872	B. A. C. 6327 . . .	6.5	28 12.02	65.6	2	3.795	− 28 37 7.1	67.7	2	2.46
7873	Lalande 34401 . . .	7.5	28 19.24	60.0	2	3.526	− 18 53 48.8	56.6	2	2.47
7874	B. A. C. 6331 . . .	7.0	28 31.58	69.0	2	3.713	− 25 46 19.1	63.6	2	2.49
7875	Anonymous . . .	8.5	28 37.81	66.5	3	3.601	− 21 45 44.2	68.6	2	2.50
7876	O. Arg. S. 18462 . .	8.5	18 29 6.96	65.0	2	+ 3.602	− 21 48 47.2	56.6	2	+ 2.54
7877	B. A. C. 6334 . . .	7.1	29 10.44	64.6	3	3.926	− 32 47 44.9	67.7	2	2.55
7878	Anonymous . . .	7.9	29 19.80	69.6	2	3.648	− 23 30 40.6	64.6	2	2.56
7879	Lalande 34503 . . .	7.0*	29 25.54	69.6	2	2.024	+ 38 19 39.7	48.5	2	2.57
7880	B. A. C. 6336 . . .	6.5	29 31.44	60.1	2	3.595	− 21 30 33.9	63.4	3	2.58
7881	Weisse XVIII, 696 .	9.0	18 29 39.98	65.6	5	+ 3.373	− 12 47 44.6	65.6	3	+ 2.59
7882	B. A. C. 6341 . . .	6.0*	29 40.69	61.6	2	2.496	+ 23 29 40.9	57.7	2	2.59
7883	O. Arg. S. 18486 . .	7.5	29 56.93	64.5	2	3.641	− 23 13 4.4	67.7	2	2.61
7884	B. A. C. 6343 . . .	5.7	29 59.71	62.3	8	3.652	− 23 37 10.2	65.0	2	2.62
7885	Lacaille 7802 . . .	6.8	30 1.68	65.7	2	3.976	− 34 16 59.6	67.7	2	2.62
7886	O. Arg. S. 18489 . .	8.2	18 30 8.18	70.0	5	+ 3.515	− 18 29 54.8	69.1	2	+ 2.63
7887	Anonymous . . .	8.0	30 18.74	68.6	2	3.905	− 32 9 9.9	66.6	2	2.65
7888	B. A. C. 6344 . . .	7.0	30 19.70	62.9	4	3.937	− 33 6 45.5	65.2	2	2.65
7889	(* 35) Washington . .	8.5	30 29.01	60.0	2	3.526	− 18 54 0.1	56.6	2	2.66
7890	O. Arg. S. 18495 . .	7.5	30 32.19	68.7	2	3.463	− 16 25 36.5	67.6	3	2.66
7891	B. A. C. 6346 . . .	6.6	18 30 32.28	64.1	5	+ 3.643	− 23 18 0.2	64.9	3	+ 2.68
7892	B. A. C. 6349 . . .	7.0*	30 40.42	59.5	2	2.007	+ 38 46 57.9	53.5	4	2.68
7893	Anonymous . . .	9.0	30 51.51	67.6	2	3.372	− 12 43 48.7	68.7	2	2.69
7894	O. Arg. S. 18505 . .	8.6	31 9.64	66.0	7	3.708	− 25 37 14.1	68.9	3	2.72
7895	O. Arg. S. 18506, (1st *)	8.8	31 13.13	64.6	5	3.708	− 25 37 36.3	69.3	3	2.72
7896	O. Arg. S. 18506, (2d *)	7.6	18 31 13.49	64.6	5	+ 3.708	− 25 37 31.0	69.3	3	+ 2.72
7897	Lacaille 7815 . . .	6.7	31 21.02	63.2	3	3.965	− 33 58 45.6	62.6	2	2.73
7898	Lalande 34581 . . .	7.1	31 26.34	68.7	2	2.040	+ 37 55 14.7	48.6	1	2.74
7899	Weisse XVIII, 779 .	8.0	32 10.21	65.6	4	3.335	− 11 13 34.0	65.6	3	2.81
7900	O. Arg. S. 18525 . .	9.0	32 10.62	70.5	3	3.693	− 25 8 8.1	69.6	2	2.81
7901	α Lyræ	1.0	18 32 11.80	54.4	285	+ 2.013	+ 38 39 17.7	52.8	639	+ 2.81
7902	O. Arg. S. 18531 . .	8.8	32 19.27	60.6	2	3.601	− 21 46 56.0	56.6	2	2.82
7903	Weisse XVIII, 793 .	8.4	32 41.30	66.1	2	3.288	− 9 15 50.0	70.3	3	2.85
7904	Anonymous. . . .	7.4	32 43.83	68.6	2	2.051	+ 37 39 41.0	48.5	1	2.86
7905	Weisse XVIII, 792 .	9.0	32 44.68	65.6	5	3.373	− 12 49 39.5	66.6	3	2.86
7906	Anonymous . . .	7.2	18 32 53.44	68.6	2	+ 3.886	− 31 36 16.9	66.5	2	+ 2.87
7907	O. Arg. S. 18536 . .	7.0	33 0.12	69.6	3	3.692	− 25 6 52.1	67.7	2	2.88
7908	Lacaille 7823 . . .	6.0	33 11.33	66.1	2	4.159	− 39 24 51.6	66.6	2	2.89
7909	26 Sagittarii	5.6	33 19.15	65.1	5	3.660	− 23 57 35.0	67.0	3	2.90
7910	Anonymous . . .	9.0	33 34.96	69.2	3	4.104	− 37 58 30.5	67.0	2	2.93

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			h. m. s.			"	° ′ ″			"
7911	B. A. C. 6358 . . .	7.0*	18 33 43.93	60.1	4	+ 3.419	— 14 41 32.1	54.6	2	+ 2.94
7912	Anonymous . . .	9.0	33 47.41	69.5	2	4.106	— 38 0 42.8	67.6	2	2.94
7913	O. Arg. S. 18564 . .	7.4	34 6.59	64.6	2	3.565	— 20 26 28.8	66.6	3	2.97
7914	λ Coronæ Australis . .	5.0	34 10.45	66.1	2	4.122	— 38 27 13.6	66.6	2	2.98
7915	Anonymous . . .	7.5	34 12.13	68.7	2	3.891	— 31 46 3.4	67.1	2	2.99
7916	O. Arg. S. 18568 . .	7.4	18 34 16.75	66.6	2	+ 3.693	— 25 9 48.5	68.2	2	+ 2.99
7917	2 Aquilæ	5.3	34 36.42	63.6	2	3.286	— 9 10 57.5	68.2	2	3.02
7918	O. Arg. S. 18577 . .	6.3	34 40.14	64.8	3	3.538	— 19 24 51.1	64.6	2	3.02
7919	Anonymous . . .	8.7	34 41.86	67.6	2	3.335	— 11 14 28.2	69.2	2	3.02
7920	O. Arg. S. 18584 . .	8.1	35 3.44	66.6	2	3.536	— 19 21 31.3	69.2	2	3.06
7921	O. Arg. S. 18587 . .	7.5	18 35 11.55	70.0	3	+ 3.580	— 21 3 7.4	69.2	2	+ 3.07
7922	B. A. C. 6363 . . .	5.9	35 13.43	68.7	2	4.174	— 39 49 17.3	66.5	2	3.07
7923	Lacaille 7831 . . .	7.2	35 15.38	68.7	2	4.176	— 39 52 45.9	66.5	2	3.08
7924	B. A. C. 6365 . . .	6.0*	35 27.47	60.6	2	2.031	+ 38 14 19.6	61.8	5	3.09
7925	Weisse XVIII, 874 .	7.0*	35 44.10	65.6	2	3.340	— 11 28 15.4	65.6	3	3.10
7926	(* 36) Washington. .	9.0	18 35 51.74	60.0	2	+ 3.524	— 18 53 53.4	56.4	5	+ 3.12
7927	O. Arg. S. 18604 . .	6.9	35 53.64	64.6	2	3.538	— 19 27 14.1	64.6	2	3.13
7928	Lacaille 7838 . . .	6.5	35 54.97	65.0	4	4.031	— 35 59 34.9	67.2	2	3.13
7929	Weisse XVIII, 887 .	7.8	35 59.64	66.6	2	3.097	— 1 5 6.6	66.7	2	3.14
7930	B. A. C. 6369 . . .	5.6	36 13.09	60.6	2	3.692	— 25 8 50.4	66.6	3	3.16
7931	O. Arg. S. 18609 . .	7.2	18 36 17.00	66.6	2	+ 3.582	— 21 6 31.9	68.2	2	+ 3.16
7932	(* 21) Washington . .	9.5	36 33.22	60.6	2	3.592	— 21 29 59.5	56.6	2	3.18
7933	B. A. C. 6372 . . .	6.0*	36 39.80	59.6	2	+ 1.378	+ 52 3 56.7	53.6	3	3.19
7934	O. Arg. N. 18534 . .	8.0	36 47.25	67.3	4	— 1.061	+ 72 17 27.2	68.2	2	3.20
7935	φ Sagittarii	5.0	36 54.45	61.5	15	+ 3.748	— 27 7 49.2	66.6	4	3.22
7936	O. Arg. S. 18623 . .	7.0	18 36 57.11	64.5	2	+ 3.582	— 21 8 22.9	65.1	2	+ 3.22
7937	O. Arg. S. 18625 . .	7.8	36 57.54	65.1	3	3.573	— 20 47 10.9	65.1	2	3.22
7938	Lacaille 7843 . . .	7.5	37 16.19	68.6	2	3.964	— 34 2 56.8	62.6	2	3.25
7939	Lamont 6333 . . .	8.7	37 25.74	66.2	2	+ 3.098	— 1 8 3.0	66.7	2	3.26
7940	O. Arg. N. 18555 . .	7.5	37 40.28	68.8	6	— 1.024	+ 72 9 3.2	69.2	2	3.28
7941	O. Arg. S. 18636 . .	6.5	18 37 41.64	65.0	2	+ 3.513	— 18 30 18.4	68.7	2	+ 3.28
7942	B. A. C. 6376 . . .	6.0	37 45.07	65.5	2	3.546	— 19 44 53.6	68.7	1	3.29
7943	B. A. C. 6377 . . .	6.0	37 52.29	65.7	2	+ 3.826	— 29 46 26.5	67.7	2	3.30
7944	Lalande 35006 . . .	7.5	38 23.19	67.6	5	— 1.047	+ 72 15 12.3	68.0	3	3.34
7945	Lacaille 7854 . . .	6.7	38 35.15	62.7	2	+ 4.168	— 39 44 58.3	66.3	3	3.36
7946	Lalande 34868 . . .	5.7	18 38 41.77	68.6	2	+ 2.100	+ 36 24 54.1	47.7	1	+ 3.37
7947	B. A. C. 6382 . . .	7.8	38 47.54	62.9	5	3.785	— 28 25 32.8	59.1	4	3.38
7948	Lacaille 7858 . . .	6.2	38 51.95	66.1	2	4.067	— 37 3 37.9	66.7	1	3.38
7949	Lacaille 7860 . . .	6.5	39 0.47	62.7	3	3.963	— 34 3 17.2	63.1	4	3.40
7950	Weisse XVIII, 971 .	9.0	39 4.10	70.5	4	3.362	— 12 25 39.5	69.6	3	3.40

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			h. m. s.			"	° ′ ″			"
7951	Weisse XVIII, 972 .	9.0	18 39 8.56	67.6	2	+ 3.365	− 12 31 46.9	69.7	2	+ 3.41
7952	5 Aquilæ, (1st *) . . .	7.0	39 14.80	64.1	2	3.097	− 1 6 19.2	66.7	2	3.42
7953	5 Aquilæ, (2d *) . . .	7.7	39 15.57	64.1	2	+ 3.097	− 1 6 25.2	66.7	2	3.42
7954	Lalande 35041 . . .	8.5	39 22.68	68.6	5	− 1.015	+ 72 8 9.9	68.7	3	3.43
7955	O. Arg. S. 18672 . .	6.1	39 33.91	64.5	2	+ 3.562	− 20 25 20.6	67.6	2	3.44
7956	110 Herculis	5.0*	18 39 38.20	59.5	2	+ 2.582	+ 20 24 55.5	53.4	3	+ 3.45
7957	ε^1 Lyræ	4.0*	39 42.11	59.6	3	1.985	+ 39 31 31.5	54.9	6	3.46
7958	ε^2 Lyræ	5.0*	39 44.35	59.6	3	1.988	+ 39 28 4.3	53.5	4	3.46
7959	6 Aquilæ	5.0	39 44.73	45.5	2	3.185	− 4 53 39.8	69.1	2	3.46
7960	O. Arg. S. 18674 . .	7.0	39 47.30	59.6	2	3.510	− 18 22 37.1	69.6	3	3.46
7961	Weisse XVIII, 993 .	8.0	18 39 54.25	65.6	6	+ 3.363	− 12 28 37.7	65.6	3	+ 3.47
7962	ζ^1 Lyræ	5.0*	39 57.06	47.4	24	2.063	+ 37 27 39.0	46.4	8	3.48
7963	Lacaille 7865 . . .	5.8	39 58.73	66.1	2	3.990	− 34 53 46.7	68.6	2	3.48
7964	Lalande 34860 . . .	6.0	39 58.79	66.7	2	3.534	− 19 20 51.8	68.2	2	3.48
7965	ζ^2 Lyræ	5.5*	39 59.10	45.5	2	2.064	+ 37 26 0.7	45.6	2	3.48
7966	O. Arg. S. 18683 . .	9.3	18 40 2.02	63.5	1	+ 3.610	− 22 13 47.3	56.6	4	+ 3.48
7967	B. A. C. 6396 . . .	7.1	40 52.14	61.9	6	3.751	− 27 16 40.7	62.9	3	3.56
7968	Dorpat 2391, (1st *) .	9.7	41 8.30	65.1	2	3.214	− 6 8 50.0	69.6	2	3.58
7969	Brisbane 6501 . . .	8.0	41 8.92	66.1	2	4.371	− 44 37 44.6	55.0	5	3.58
7970	Dorpat 2391, (2d *) .	7.0	41 9.51	64.8	3	3.214	− 6 9 26.2	67.6	2	3.58
7971	Lalande 34916 . . .	7.1	18 41 21.10	64.8	3	+ 3.533	− 29 17 45.7	65.9	3	+ 3.60
7972	29 Sagittarii	5.4	41 21.55	62.9	10	3.563	− 20 28 49.0	66.3	3	3.60
7973	Lacaille 7873 . . .	6.5	41 28.40	62.7	2	4.150	− 39 19 55.5	65.0	4	3.61
7974	Anonymous . . .	7.0	41 35.76	65.7	2	4.078	− 37 24 16.1	68.1	2	3.62
7975	B. A. C. 6400 . . .	6.6	41 44.16	62.7	2	3.630	− 23 0 11.0	69.9	3	3.63
7976	B. A. C. 6401 . . .	7.6	18 41 54.46	62.6	2	+ 3.740	− 26 55 33.7	66.1	2	+ 3.65
7977	B. A. C. 6403 . . .	7.1	41 57.32	63.6	7	3.866	− 31 7 7.1	57.6	4	3.65
7978	Lacaille 7874 . . .	6.5	41 58.04	61.6	2	4.373	− 44 41 42.2	54.6	3	3.65
7979	Anonymous . . .	8.5	41 59.32	67.8	3	3.860	− 30 57 11.6	68.7	2	3.65
7980	Weisse XVIII, 1056 .	6.5	42 11.41	67.1	4	3.212	− 6 4 4.5	69.2	2	3.67
7981	Weisse XVIII, 1058 .	8.2	18 42 12.58	67.6	3	+ 3.212	− 6 5 57.6	69.2	2	+ 3.67
7982	O. Arg. S. 18735 . .	6.0	42 25.43	66.1	2	3.612	− 22 19 7.3	67.7	2	3.69
7983	Lalande 34990 . . .	7.0	42 41.50	68.2	3	3.562	− 20 27 12.4	67.6	4	3.71
7984	B. A. C. 6408 . . .	7.0	42 41.85	62.8	4	3.751	− 27 19 20.4	62.9	3	3.71
7985	Lalande 34993 . . .	7.0	42 48.05	69.6	2	3.562	− 20 27 30.9	67.6	4	3.73
7986	O. Arg. S. 18747, (1st *)	8.0	18 42 53.94	68.6	2	+ 3.607	− 22 10 40.0	61.7	2	+ 3.73
7987	O. Arg. S. 18747, (2d *)	8.2	42 54.50	68.6	2	3.607	− 22 10 40.0	61.7	2	3.73
7988	Anonymous . . .	7.0	43 24.96	66.7	2	3.866	− 31 8 54.7	68.7	2	3.78
7989	B. A. C. 6414 . . .	6.5	43 42.20	63.3	10	3.858	− 30 53 46.1	67.2	2	3.80
7990	B. A. C. 6413 . . .	5.6	43 43.32	67.0	3	3.816	− 29 32 27.6	68.7	2	3.80

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			h. m. s.			″	° ′ ″			″
7991	31 Sagittarii	5.8	18 43 43.63	68.6	2	+ 3.605	− 22 4 54.8	56.7	5	+ 3.80
7992	Lacaille 7896 . . .	7.0	43 54.71	62.6	2	4.077	− 37 26 15.0	68.2	2	3.82
7993	Lalande 35046 . . .	8.4	43 58.29	67.6	3	3.559	− 20 21 57.2	68.7	2	3.82
7994	B. A. C. 6422 . . .	7.0	44 20.74	61.6	2	3.767	− 27 55 18.6	68.1	2	3.86
7995	Lacaille 7901 . . .	6.8	44 22.09	65.0	4	4.041	− 36 27 7.6	69.3	3	3.86
7996	ν^1 Lyræ	6.0*	18 44 33.29	59.6	2	+ 2.231	+ 32 39 14.1	53.6	3	+ 3.87
7997	B. A. C. 6428 . . .	5.5*	44 34.55	61.5	2	1.584	+ 48 36 29.7	54.5	3	3.88
7998	Madras 1304 . . .	8.0	44 43.11	67.3	4	3.531	− 19 17 2.1	56.3	4	3.89
7999	β Lyræ, (1st *) . . .	3.0*	44 54.67	54.6	247	2.214	+ 33 12 8.0	50.7	113	3.90
8000	β Lyræ, (2d *) . . .	7.4*	44 56.54	67.4	4	2.214	+ 33 11 27.7	57.6	4	3.90
8001	Weisse XVIII, 1143 .	9.0	18 45 28.80	67.1	2	+ 3.248	− 7 38 40.7	67.7	2	+ 3.95
8002	33 Sagittarii	5.5	45 37.93	66.6	2	3.589	− 21 31 38.6	67.7	2	3.97
8003	O. Arg. S. 18802 . .	7.8	45 39.52	66.6	2	3.769	− 28 0 6.5	68.1	2	3.97
8004	ν^1 Sagittarii	4.5	45 42.89	64.1	6	3.626	− 22 54 47.3	62.0	7	3.97
8005	Anonymous . . .	7.2	45 47.90	65.6	2	3.624	− 22 51 19.9	65.2	2	3.98
8006	B. A. C. 6435 . . .	6.0	18 45 53.23	62.6	2	+ 4.080	− 37 33 28.1	66.7	2	+ 3.99
8007	B. A. C. 6439 . . .	6.2	46 33.06	68.6	2	3.809	− 29 23 6.1	65.7	2	4.04
8008	σ Sagittarii	3.5	46 34.94	62.5	44	3.724	− 26 27 58.9	59.2	4	4.05
8009	Schjellerup 7016 . .	8.5	46 38.86	64.6	2	3.244	− 7 29 39.7	68.2	2	4.05
8010	ν^2 Sagittarii	6.0	46 39.28	64.7	5	3.624	− 22 50 31.9	61.9	4	4.05
8011	Anonymous . . .	7.2	18 46 48.17	67.7	5	+ 3.936	− 33 25 53.5	67.5	2	+ 4.07
8012	Anonymous . . .	8.0	47 5.97	69.6	2	4.158	− 39 40 57.4	65.2	3	4.09
8013	Anonymous . . .	7.6	47 8.80	66.5	5	3.936	− 33 26 32.9	67.5	2	4.10
8014	O. Arg. S. 18831 . .	8.0	47 10.37	66.0	2	3.777	− 28 18 14.6	68.7	2	4.10
8015	B. A. C. 6444 . . .	6.0	47 10.53	62.6	2	4.077	− 37 31 3.6	66.7	2	4.10
8016	Lacaille 7919 . . .	7.0	18 47 26.26	62.7	2	+ 4.135	− 39 5 25.6	66.1	2	+ 4.12
8017	B. A. C. 6447 . . .	5.3	47 27.02	65.6	2	3.461	− 16 32 36.8	67.1	2	4.12
8018	B. A. C. 6448 . . .	6.0	47 31.95	67.6	2	3.637	− 23 20 51.9	67.7	2	4.13
8019	Anonymous . . .	. .	47 34.	. .	.	3.936	− 33 25 51.2	62.6	2	4.13
8020	O. Arg. S. 18847 . .	7.2	47 40.12	65.6	2	3.460	− 16 31 19.3	67.1	2	4.14
8021	Lacaille 7926 . . .	6.8	18 47 45.87	65.2	5	+ 3.938	− 33 30 19.4	62.6	2	+ 4.15
8022	Lacaille 7922 . . .	6.0	47 51.52	66.1	2	4.170	− 40 0 8.5	69.1	2	4.16
8023	B. A. C. 6450 . . .	8.0	48 5.53	67.1	2	3.636	− 23 19 16.7	67.7	2	4.18
8024	Weisse XVIII, 1219 .	9.6	48 24.44	65.2	4	3.292	− 9 34 4.5	64.6	3	4.20
8025	B. A. C. 6452 . . .	5.0	48 26.86	59.5	2	1.350	+ 52 47 41.0	53.9	6	4.21
8026	62 Serpentis	6.0	18 48 37.90	57.0	2	+ 2.924	+ 6 26 35.5	68.6	2	+ 4.22
8027	Anonymous . . .	7.5	48 45.73	66.1	2	4.075	− 37 29 47.4	68.2	2	4.23
8028	113 Herculis.	5.0*	48 50.27	59.6	2	2.532	+ 22 28 11.9	53.7	4	4.24
8029	ξ^1 Sagittarii	6.0*	49 1.22	60.0	6	3.569	− 20 50 8.0	56.4	4	4.26
8030	B. A. C. 6455 . . .	7.0	49 7.14	60.6	2	3.857	− 31 0 18.5	69.1	2	4.27

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			h. m. s.			"	° ′ ″			"
8031	θ Serpentis	5.8	18 49 15.56	62.6	5	+ 2.980	+ 4 1 28.5	59.7	8	+ 4.28
8032	O. Arg. S. 18878 . .	8.8	49 15.76	67.4	2	3.582	— 21 19 51.9	68.1	2	4.28
8033	ε Coronæ Australis . .	4.5	49 16.49	60.6	4	4.067	— 37 17 8.8	67.6	4	4.28
8034	B. A. C. 6462 . . .	6.0	49 17.03	62.6	5	2.980	+ 4 1 23.9	62.6	5	4.28
8035	Anonymous . . .	6.6	49 21.81	64.5	3	3.530	— 19 19 59.4	68.7	2	4.29
8036	ξ^2 Sagittarii	4.0	18 49 22.61	61.0	11	+ 3.581	— 21 17 12.3	57.4	5	+ 4.29
8037	O. Arg. S. 18883 . .	8.5	49 23.31	67.0	2	3.794	— 28 56 2.2	69.1	2	4.29
8038	Lacaille 7932 . . .	6.3	49 29.99	69.2	3	4.157	— 39 42 59.3	64.5	3	4.30
8039	δ^2 Lyræ	5.0*	49 36.46	59.5	2	2.098	+ 36 43 22.0	50.2	8	4.31
8040	B. A. C. 6465 . . .	6.0	49 45.41	60.6	3	3.682	— 25 3 32.9	56.8	6	4.32
8041	Anonymous.	. .	18 50 3.	. .	.	+ 3.603	— 22 9 8.0	68.2	2	+ 4.34
8042	Weisse XVIII, 1277 .	8.3	50 37.	. .	.	3.290	— 9 29 30.1	67.2	2	4.39
8043	Weisse XVIII, 1276 .	8.8	50 38.34	63.2	3	3.420	— 14 57 4.8	67.7	2	4.39
8044	Rumker 6881 . . .	7.6	50 41.83	62.8	4	2.566	+ 21 11 53.0	57.6	2	4.40
8045	O. Arg. S. 18907 . .	9.0	50 49.31	60.6	2	+ 3.601	— 22 5 18.9	68.7	2	4.41
8046	50 Draconis	5.0*	18 50 52.00	65.5	2	— 1.887	+ 75 16 0.7	64.4	14	+ 4.42
8047	Anonymous . . .	6.0	50 55.41	68.6	2	+ 2.137	+ 35 38 51.3	48.5	1	4.42
8048	B. A. C. 6476 . . .	6.0*	51 5.62	59.6	2	1.588	+ 48 41 8.8	54.5	3	4.43
8049	O. Arg. S. 18913 . .	7.8	51 9.58	65.7	2	3.533	— 19 27 52.3	68.7	2	4.44
8050	Weisse XVIII, 1285 .	7.4	51 9.98	65.6	3	3.367	— 12 46 23.3	69.6	2	4.44
8051	Anonymous . . .	9.0	18 51 10.46	70.6	2	+ 3.264	— 8 22 7.6	69.7	2	+ 4.44
8052	B. A. C. 6474 . . .	7.2	51 12.39	63.1	2	3.772	— 28 14 15.8	67.1	2	4.44
8053	O. Arg. S. 18916 . .	8.0	51 12.52	63.0	5	3.599	— 22 0 54.8	55.8	5	4.44
8054	O. Arg. S. 18915 . .	8.5	51 13.65	66.6	2	3.791	— 28 53 15.0	69.2	2	4.45
8055	Weisse XVIII, 1294 .	8.1	51 27.94	63.9	3	3.282	— 9 9 20.1	69.1	2	4.47
8056	Lacaille 7947, (1st *) .	7.0	18 51 35.32	62.7	2	+ 4.063	— 37 14 58.6	67.0	3	+ 4.48
8057	Lacaille 7947, (2d *) .	7.0	51 36.36	62.7	2	4.063	— 37 15 1.4	67.0	3	4.48
8058	Weisse XVIII, 1301 .	8.0	51 39.21	67.0	3	3.263	— 8 20 43.1	68.2	2	4.48
8059	B. A. C. 6479 . . .	6.0	51 49.19	64.6	2	3.683	— 25 7 58.0	64.1	2	4.50
8060	Lacaille 7953 . . .	7.0	51 50.06	62.7	5	3.932	— 33 25 18.1	62.6	2	4.50
8061	Lacaille 7955 . . .	6.6	18 52 11.92	62.7	2	+ 4.056	— 37 4 53.5	68.1	2	+ 4.52
8062	O. Arg. S. 18939 . .	8.7	52 15.83	64.5	2	3.790	— 28 54 5.1	68.2	2	4.52
8063	Weisse XVIII, 1314 .	8.4	52 19.22	65.6	5	3.368	— 12 47 35.1	65.6	3	4.54
8064	10 Aquilæ	6.0*	52 21.47	54.1	7	2.754	+ 13 43 17.4	54.6	3	4.54
8065	Anonymous. . . .	9.3	52 44.78	64.6	2	3.599	— 22 2 7.1	56.2	2	4.57
8066	O. Arg. S. 18953 . .	7.3	18 52 50.41	67.0	2	+ 3.534	— 19 32 22.8	70.6	2	+ 4.58
8067	Weisse XVIII, 1333 .	8.0	52 55.73	67.2	2	3.245	— 7 34 22.5	67.7	2	4.59
8068	Dorpat, 2425, (1st *) .	8.2	52 57.37	64.1	4	3.262	— 8 18 31.3	66.0	3	4.59
8069	Dorpat, 2425, (2d *) .	8.0	52 57.46	64.1	4	3.262	— 8 17 58.8	66.0	3	4.59
8070	Anonymous . . .	8.8	53 3.35	68.6	2	4.106	+ 38 28 44.6	65.4	2	4.60

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			h. m. s.			"	° ′ ″			"
8071	B. A. C. 6485 . . .	6.4	18 53 11.23	65.0	4	+ 3.621	— 22 53 18.0	67.2	2	+ 4.61
8072	ε Aquilæ	3.5*	53 16.16	51.2	3	2.726	+ 14 52 52.2	68.7	2	4.62
8073	Lacaille 7961 . . .	8.0	53 16.71	69.7	2	3.977	— 34 49 35.8	67.6	2	4.62
8074	Lacaille 7960 . . .	7.0	53 19.64	63.0	3	4.027	— 36 17 30.3	69.7	2	4.63
8075	Weisse XVIII, 1344 .	8.9	53 30.40	63.2	3	3.414	— 14 42 41.2	69.6	2	4.64
8076	B. A. C. 6488 . . .	6.0	18 53 33.33	45.4	1	+ 3.432	— 15 28 34.5	68.7	2	+ 4.64
8077	ζ Sagittarii	2.8	53 42.03	61.2	7	3.825	— 30 4 33.7	63.5	3	4.66
8078	γ Lyræ.	5.0	53 42.27	61.0	3	2.243	+ 32 30 0.3	69.7	2	4.66
8079	B. A. C. 6490 . . .	5.5	53 53.38	61.8	5	3.679	— 25 2 11.1	66.1	2	4.67
8080	Lalande 35468 . . .	7.8	54 0.33	62.1	5	3.471	— 17 3 2.9	63.1	2	4.68
8081	12 Aquilæ	5.5*	18 54 12.43	45.4	1	+ 3.207	— 5 55 58.3	69.7	2	+ 4.70
8082	O. Arg. S. 18978 . .	9.0	54 22.77	66.0	3	3.561	— 20 37 39.9	56.6	2	4.71
8083	O. Arg. S. 18979 . .	8.3	54 24.07	63.8	5	3.561	— 20 36 24.4	56.6	4	4.72
8084	B. A. C. 6495 . . .	6.0*	54 29.42	59.6	2	2.019	+ 39 1 32.3	54.6	3	4.72
8085	λ Lyræ.	6.0*	54 43.91	59.5	4	2.262	+ 31 57 6.8	53.6	5	4.74
8086	O. Arg. S. 18986 . .	8.5	18 54 46.67	60.6	2	+ 3.470	— 17 2 12.9	68.2	2	+ 4.75
8087	Lalande 35497 . . .	6.4	54 49.91	63.8	8	3.531	— 19 26 37.5	55.9	3	4.75
8088	Lalande 35499 . . .	6.0	54 53.56	65.5	4	3.527	— 19 18 4.0	68.7	2	4.76
8089	Anonymous . . .	. .	55 4.	. .	.	3.422	— 15 4 44.0	56.7	2	4.77
8090	Anonymous . . .	9.0	55 7.43	66.9	3	3.246	— 7 38 21.3	68.7	2	4.78
8091	Anonymous . . .	9.5	18 55 17.53	65.6	2	+ 3.243	— 7 29 51.9	69.7	2	+ 4.79
8092	B. A. C. 6499 . . .	6.0*	55 25.39	60.8	5	3.860	— 31 14 53.1	63.6	2	4.80
8093	Weisse XVIII, 1398 .	9.0	55 29.40	65.4	8	3.244	— 7 32 44.8	65.6	3	4.81
8094	Dorpat 2434, (1st *) .	8.0	55 31.77	64.6	7	3.093	— 0 54 18.6	72.6	3	4.81
8095	g Aquilæ	5.5	55 31.94	47.0	2	3.160	— 3 53 53.2	68.7	2	4.81
8096	Dorpat 2434, (2d *) .	8.4	18 55 32.92	64.8	5	+ 3.093	— 0 54 37.1	72.6	3	+ 4.81
8097	B. A. C. 6502 . . .	6.6	55 47.16	62.6	2	3.626	— 23 5 54.1	67.7	2	4.83
8098	O. Arg. S. 19007 . .	8.6	55 50.94	64.8	3	3.570	— 21 0 9.1	69.1	2	4.84
8099	Weisse XVIII, 1412 .	8.6	55 55.34	65.3	7	3.244	— 7 33 51.6	65.6	3	4.85
8100	B. A. C. 6504 . . .	7.5	55 57.73	69.6	2	+ 3.589	— 21 43 53.8	68.7	2	4.85
8101	ι Draconis	5.0*	18 56 5.97	67.0	3	— 0.719	+ 71 6 33.1	64.4	3	+ 4.86
8102	B. A. C. 6505 . . .	6.7	56 9.84	64.2	2	+ 3.689	— 25 26 0.0	66.6	2	4.87
8103	o Sagittarii	4.5	56 17.50	52.6	13	3.594	— 21 56 33.4	51.8	21	4.88
8104	Lacaille 7985 . . .	6.8	56 27.60	63.3	3	3.946	— 33 59 21.4	67.6	2	4.89
8105	Anonymous. . . .	8.8	56 30.00	69.3	3	3.272	— 8 46	. .	.	4.89
8106	Weisse XVIII, 1430 .	8.6	18 56 34.62	67.9	4	+ 3.272	— 8 46 35.5	68.2	2	+ 4.90
8107	B. A. C. 6512 . . .	7.0	56 55.78	59.6	2	3.799	— 29 17 14.9	57.3	3	4.93
8108	γ Coronæ Australis . .	4.0	56 56.93	62.6	2	4.058	— 37 15 37.5	67.3	3	4.93
8109	Weisse XVIII, 1443 .	9.0	56 59.36	63.6	3	3.275	— 8 54 43.8	68.7	2	4.94
8110	Weisse XVIII, 1449 .	8.0	57 10.92	63.3	6	3 274	— 8 51 24.8	67.1	2	4.95

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			h. m. s.			″	° ′ ″			″
8111	Lacaille 7990 . . .	6.3	18 57 23.88	62.7	2	+ 4.084	− 37 59 20.5	66.2	2	+ 4.97
8112	B. A. C. 6515 . . .	6.8	57 35.38	65.6	2	3.746	− 27 29 43.5	66.7	2	4.99
8113	Weisse (2) XVIII, 1790	6.8	57 41.95	61.6	4	2.573	+ 21 3 52.6	60.0	4	5.00
8114	Anonymous . . .	7.3	58 4.17	67.3	3	3.632	− 23 27 46.8	69.6	3	5.03
8115	Weisse (2) XVIII, 1806	8.5	58 11.23	61.8	4	3.575	+ 21 1 15.7	63.3	3	5.04
8116	τ Sagittarii	4.0	18 58 11.77	58.5	7	+ 3.756	− 27 52 18.5	69.6	3	+ 5.04
8117	Weisse XVIII, 1480 .	7.2	58 15.55	68.6	2	3.280	− 9 6 44.5	65.0	3	5.04
8118	O. Arg. S. 19073 . .	8.5	58 39.83	60.4	2	3.585	− 21 38 12.9	55.7	3	5.08
8119	B. A. C. 6525 . . .	5.5	58 41.71	64.5	2	3.784	− 28 50 53.2	69.6	2	5.08
8120	O. Arg. S. 19083, (1st *)	7.2	58 49.07	66.9	3	3.454	− 16 26 23.1	68.8	5	5.09
8121	O. Arg. S. 19083, (2d *)	9.2	18 58 49.08	67.6	3	+ 3.454	− 16 26 13.3	69.6	2	+ 5.09
8122	Anonymous . . .	6.6	58 56.57	65.6	3	3.516	− 18 56 57.4	69.7	2	5.10
8123	ζ Aquilæ	3.0*	58 58.52	53.3	226	2.758	+ 13 39 30.3	50.6	105	5.10
8124	Weisse (2) XVIII, 1835	8.0	58 58.71	61.8	5	2.575	+ 21 1 55.6	61.6	4	5.10
8125	Lamont 6587 . . .	8.5*	59 0.35	69.7	1	3.102	− 1 19 38.9	69.7	2	5.11
8126	O. Arg. S. 19086 . .	7.6	18 59 2.87	68.6	2	+ 3.590	− 21 49 35.3	58.0	3	+ 5.11
8127	B. A. C. 6531 . . .	7.0	59 17.02	63.6	2	3.700	− 25 54 55.9	68.2	2	5.13
8128	Dorpat 2447, (1st *) .	9.2	59 19.96	63.7	2	3.107	− 1 33 11.9	69.8	2	5.13
8129	Dorpat 2447, (2d *) .	7.4	59 20.23	65.1	6	3.107	− 1 33 27.7	69.8	2	5.13
8130	Weisse XVIII, 1525 .	9.2	59 24.15	67.5	2	2.758	+ 13 38 53.5	69.7	2	5.14
8131	Anonymous . . .	9.1	18 59 26.05	67.7	2	+ 3.515	− 18 56 22.5	68.7	2	+ 5.14
8132	Anonymous . . .	8.0	59 31.52	61.6	1	3.372	− 13 3 25.9	70.7	2	5.15
8133	Anonymous . . .	8.0	59 32.57	63.7	1	3.944	− 34 0 24.0	70.6	2	5.15
8134	Lacaille 7998 . . .	7.4	59 33.35	63.6	7	3.944	− 34 0 20.6	70.6	3	5.15
8135	Anonymous . . .	9.5	59 37.47	67.1	2	3.273	− 8 50 49.6	72.0	3	5.16
8136	O. Arg. S. 19098 . .	6.4	18 59 38.62	68.6	2	+ 3.592	− 21 54 35.7	56.2	2	+ 5.16
8137	O. Arg. S. 19104 . .	7.1	59 49.09	68.6	2	3.594	− 22 0 19.4	56.7	1	5.18
8138	Weisse XVIII, 1539 .	8.3	59 52.87	67.4	2	2.759	+ 13 37 47.2	70.2	2	5.18
8139	α Coronæ Australis . .	5.0	59 56.51	68.7	2	4.085	− 38 7 6.8	66.2	2	5.19
8140	Lamont 6597 . . .	9.0	18 59 58.25	66.7	2	3.092	− 0 52 42.3	68.6	1	5.19
8141	Lalande 35802 . . .	7.5	19 0 2.43	68.7	2	+ 2.061	+ 38 3 59.0	48.5	1	+ 5.20
8142	B. A. C. 6536 . . .	6.5*	0 2.98	60.5	2	+ 3.530	− 19 30 20.6	56.8	4	5.20
8143	Radcliffe 4208 . . .	7.0	0 4.77	69.5	1	−18.211	+ 86 31 39.8	66.2	3	5.20
8144	B. A. C. 6537 . . .	8.0	0 10.74	67.1	4	+ 3.843	− 30 50 35.9	64.0	3	5.21
8145	B. A. C. 6538 . . .	7.5	0 12.00	65.1	2	3.682	− 25 17 43.9	67.7	2	5.21
8146	Weisse XVIII, 1542 .	8.0	19 0 12.30	67.6	2	+ 3.102	− 1 20 16.6	69.7	2	+ 5.21
8147	Lacaille 8008 . . .	6.1	0 14.24	62.7	5	4.023	− 36 22 55.1	68.7	2	5.21
8148	B. A. C. 6546 . . .	6.5	0 16.76	63.9	6	3.631	− 23 24 22.5	64.9	4	5.21
8149	β Coronæ Australis . .	5.5	0 23.50	69.6	2	4.138	− 39 33 30.8	64.9	3	5.22
8150	Anonymous . . .	9.0	0 27.32	69.6	1	3.843	− 30 51 45.3	58.6	1	5.23

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession. 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
8151	Weisse XVIII, 1547 .	7.5	19 0 34.18	61.4	2	+ 3.374	— 13 10 15.7	67.7	2	+ 5.24
8152	Lalande 35791 . . .	8.0	0 41.68	67.1	2	3.106	— 1 29 41.0	68.7	2	5.25
8153	B. A. C. 6546 . . .	7.3	1 1.22	62.8	4	3.739	— 27 19 59.7	67.2	2	5.28
8154	O. Arg. S. 19144 . .	7.5	1 6.99	64.1	2	3.630	— 23 24 35.3	67.9	3	5.29
8155	Anonymous . . .	8.5	1 20.44	68.6	2	3.584	— 21 38 29.9	55.7	2	5.30
8156	O. Arg. S. 19157 . .	8.0	19 1 22.20	68.6	2	+ 3.584	— 21 40 29.3	55.7	3	+ 5.30
8157	Anonymous . . .	8.0	1 23.95	65.1	2	3.301	— 10 3 59.7	67.7	1	5.31
8158	π Sagittarii	4.5*	1 26.18	58.8	31	3.573	— 21 14 32.6	58.6	7	5.31
8159	B. A. C. 6549 . . .	6.4	1 32.47	62.5	6	3.823	— 30 13 34.9	53.7	4	5.32
8160	B. A. C. 6550 . . .	7.0*	1 32.64	61.0	2	3.542	— 20 1 15.0	56.6	4	5.32
8161	Lalande 35866 . . .	7.5	19 1 34.81	68.8	2	+ 2.095	+ 37 10 23.2	48.6	1	+ 5.32
8162	19 Aquilæ	6.0*	2 8.46	59.6	2	2.940	+ 5 51 21.9	54.5	3	5.37
8163	O. Arg. S. 19179 . .	8.2	2 12.08	68.7	2	3.590	— 21 53 42.9	55.7	3	5.38
8164	ι Lyræ	5.5*	2 18.35	69.6	2	2.140	+ 35 52 58.7	48.2	2	5.39
8165	B. A. C. 6554 . . .	6.2	2 26.41	61.8	8	3.807	— 29 42 41.1	58.6	3	5.40
8166	O. Arg. S. 19188 . .	6.5	19 2 26.42	68.7	2	+ 3.807	— 29 43 33.4	64.7	2	+ 5.40
8167	Lacaille 8023 . . .	7.8	2 37.51	64.0	2	3.927	— 33 35 8.7	68.7	2	5.41
8168	Lacaille 8022 . . .	6.7	2 40.97	62.7	5	4.071	— 37 48 33.1	67.6	2	5.42
8169	Anonymous . . .	8.8	2 59.89	65.6	2	3.254	— 8 2 57.5	68.3	3	5.44
8170	Lacaille 8025 . . .	7.0	3 6.19	62.7	4	+ 4.068	— 37 45 4.1	68.6	2	5.45
8171	O. Arg. N. 18967 . .	8.4	19 3 9.94	63.7	3	— 0.321	+ 69 13 55.1	66.7	2	+ 5.46
8172	Lacaille 8028, (1st *) .	7.0	3 32.50	62.2	4	+ 3.942	— 34 4 38.1	66.7	2	5.49
8173	Lacaille 8028, (2d *) .	7.0	3 33.30	62.2	4	3.942	— 34 4 28.3	66.7	2	5.49
8174	Anonymous . . .	7.8	3 39.56	65.2	3	+ 3.254	— 8 3 53.9	68.3	3	5.50
8175	O. Arg. N. 18980 . .	8.2	3 47.40	63.6	4	— 0.293	+ 69 5 32.1	61.2	2	5.51
8176	Lalande 36002 . . .	7.3	19 3 49.91	68.7	2	+ 2.057	+ 38 17 11.6	48.6	1	+ 5.51
8177	B. A. C. 6561 . . .	6.5	4 6.00	66.6	3	3.588	— 21 53 11.3	58.4	4	5.54
8178	Anonymous . . .	8.0	4 30.81	65.0	2	3.257	— 8 11 35.9	68.6	2	5.57
8179	B. A. C. 6562 . . .	6.0	4 36.09	63.1	6	3.702	— 26 8 13.9	60.0	3	5.58
8180	Lalande 36051 . . .	7.5	4 54.05	68.7	2	2.084	+ 37 34 11.6	48.6	1	5.60
8181	20 Aquilæ	5.0	19 5 5.02	65.0	7	+ 3.256	— 8 10 11.7	61.6	6	+ 5.62
8182	O. Arg. S. 19256 . .	7.5	5 13.93	65.7	3	3.611	— 22 47 54.0	67.7	2	5.63
8183	B. A. C. 6565 . . .	6.9	5 15.25	62.5	7	3.729	— 27 6 21.5	61.6	4	5.63
8184	Anonymous . . .	7.5	5 35.29	63.6	5	3.798	— 29 30 28.9	67.7	2	5.66
8185	B. A. C. 6568 . . .	6.3	5 43.07	62.5	15	3.814	— 30 3 58.1	61.2	5	5.67
8186	B. A. C. 6569 . . .	6.9	19 5 49.13	63.6	5	+ 3.797	— 29 28 38.4	67.7	2	+ 5.67
8187	Lacaille 8041 . . .	6.9	6 10.40	62.6	2	4.044	— 37 11 10.1	69.1	2	5.71
8188	Anonymous . . .	9.7	6 14.56	66.6	2	3.265	— 8 33 38.8	69.7	2	5.72
8189	B. A. C. 6574 . . .	6.1	6 36.39	68.6	2	2.572	+ 21 19 16.6	61.8	3	5.75
8190	Lacaille 8045 . . .	7.3	6 37.67	64.5	9	3.929	— 33 46 6.6	66.1	4	5.75

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			h. m. s.			″	° ′ ″			″
8191	21 Aquilæ	6.0*	19 6 39.09	45.6	1	+ 3.026	+ 2 3 33.2	67.7	2	+ 5.75
8192	Anonymous . . .	8.4	6 40.43	67.6	3	3.930	− 33 49 6.2	69.2	2	5.75
8193	ψ Sagittarii	6.0	6 57.21	63.3	3	3.683	− 25 29 38.4	66.4	3	5.78
8194	B. A. C. 6576 . . .	6.4	7 1.30	63.3	3	3.653	− 24 24 50.6	66.7	2	5.78
8195	Lalande 36087 . . .	8.0	7 11.25	59.6	2	3.538	− 20 1 28.1	56.1	2	5.80
8196	B. A. C. 6577 . . .	7.0	19 7 17.77	62.7	3	+ 3.832	− 30 41 59.1	60.8	4	+ 5.80
8197	Lacaille 8049 . . .	6.7	7 17.86	62.7	2	3.937	− 34 2 59.6	65.6	2	5.81
8198	Anonymous . . .	9.1	7 22.	. .	.	3.596	− 22 16 29.9	69.7	2	5.81
8199	Lacaille 8051 . . .	6.5	7 23.91	63.6	4	3.927	− 33 45 48.0	66.7	3	5.81
8200	O. Arg. S. 19306 . .	8.0	7 34.41	68.6	2	3.591	− 22 4 36.6	56.7	3	5.83
8201	B. A. C. 6578 . . .	6.7	19 7 35.06	61.9	7	+ 3.693	− 25 54 23.2	60.0	3	+ 5.83
8202	Anonymous . . .	7.0	7 39.24	66.0	3	3.875	− 32 7 34.8	67.7	2	5.84
8203	Anonymous . . .	8.8	7 46.69	69.2	2	3.874	− 32 5 8.5	67.7	2	5.84
8204	O. Arg. S. 19314 . .	7.5	8 0.64	64.4	4	3.778	− 28 54 32.5	67.7	2	5.86
8205	O. Arg. S. 19319 . .	8.2	8 14.30	68.6	2	3.589	− 22 2 19.7	56.7	2	5.88
8206	Weisse XIX, 187 . .	7.2	19 8 38.57	68.8	4	+ 3.273	− 8 55 56.2	65.5	2	+ 5.91
8207	Lalande 36229, (1st *) .	7.4	8 42.80	68.7	2	2.045	+ 38 47 59.3	62.6	3	5.92
8208	Lalande 36229, (2d *) .	8.2	8 45.66	68.7	2	2.045	+ 38 47 49.5	69.7	2	5.93
8209	Lalande 36238 . . .	6.8	8 53.12	69.1	2	2.138	+ 36 11 7.1	48.6	1	5.94
8210	Madras 1351 . . .	7.8	8 55.72	60.5	2	3.570	− 21 18 57.8	57.1	4	5.94
8211	Anonymous . . .	9.0	19 8 59.30	68.6	1	+ 3.271	− 8 51 52.8	63.7	1	+ 5.94
8212	η Lyræ, (1st *) . . .	5.0*	8 59.51	46.2	16	2.041	+ 38 54 25.4	47.0	50	5.95
8213	53 Draconis	5.0*	9 1.79	68.7	2	1.134	+ 56 37 17.6	58.6	3	5.95
8214	η Lyræ, (2d *) . . .	. .	9 1.88	45.5	2	2.041	+ 38 54 29.3	68.6	2	5.95
8215	Lacaille 8060 . . .	7.0	9 14.65	63.2	6	3.914	− 33 23 55.7	66.7	2	5.97
8216	B. A. C. 6582 . . .	6.0*	19 9 15.41	39.6	2	+ 2.582	+ 20 59 23.4	54.6	3	+ 5.97
8217	Anonymous . . .	8.3	9 19.01	69.3	3	3.519	− 19 18 22.0	55.7	2	5.97
8218	d Sagittarii	5.0	9 26.45	65.3	18	3.516	− 19 11 53.4	65.7	2	5.98
8219	Anonymous . . .	8.2	9 28.96	69.6	2	3.491	− 18 9 55.6	62.2	2	5.99
8220	Anonymous . . .	7.5	9 38.14	65.1	2	4.191	− 41 15 31.3	53.5	2	6.00
8221	Lacaille 8066 . . .	6.8	19 9 51.84	65.7	2	+ 3.917	− 33 31 19.4	67.7	2	+ 6.02
8222	Anonymous . . .	7.1	9 59.13	62.4	4	3.912	− 33 24 28.2	66.7	2	6.03
8223	Lacaille 8061 . . .	6.7	9 59.17	62.6	3	4.038	− 37 8 35.7	69.1	2	6.03
8224	Weisse XIX, 224 . .	7.4	10 7.39	64.0	3	3.054	+ 0 48 47.3	68.3	3	6.04
8225	Lacaille 8064 . . .	6.8	10 7.64	66.1	2	4.029	− 36 54 20.1	68.7	3	6.04
8226	Anonymous . . .	8.0	19 10 8.55	69.6	2	+ 3.872	− 32 5 57.1	67.7	2	+ 6.04
8227	1 Vulpeculæ	5.0*	10 11.89	59.5	2	2.579	+ 21 8 44.6	53.5	3	6.05
8228	Anonymous . . .	9.0	10 18.67	68.7	1	3.519	− 19 19 10.7	55.7	2	6.05
8229	Lalande 36252 . . .	8.0	10 31.52	67.9	3	3.596	− 22 21 11.2	69.2	2	6.08
8230	Lalande 36324 . . .	8.0*	10 33.	. .	.	2.060	+ 38 27 51.0	47.7	2	6.08

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			h. m. s.			″	° ′ ″			″
8231	Lalande 36311 . . .	6.7	19 10 34.52	61.6	2	+ 2.307	+ 30 59 45.8	54.6	5	+ 6.08
8232	O. Arg. S. 19371 . .	7.2	10 49.28	66.3	2	3.634	− 23 48 29.4	66.7	3	6.10
8233	O. Arg. S. 19374 . .	8.0	10 50.79	69.1	2	3.490	− 18 10 41.1	62.2	2	6.10
8234	B. A. C. 6590 . . .	8.0	11 1.12	57.5	2	3.432	− 15 46 38.3	68.2	2	6.12
8235	ω Aquilæ	6.0	11 14.67	62.1	68	2.817	+ 11 20 45.2	59.6	4	6.13
8236	23 Aquilæ, (1st *) . . .	5.5	19 11 25.04	66.5	6	+ 3.053	+ 0 50 1.4	65.7	2	+ 6.15
8237	23 Aquilæ, (2d *) . . .	8.8	11 25.10	65.6	1	3.053	+ 0 50 5.3	69.7	2	6.15
8238	54 Draconis	6.0	11 25.14	69.6	2	1.077	+ 57 27 51.8	58.6	3	6.15
8239	B. A. C. 6594 . . .	7.0*	11 25.60	59.6	2	3.869	− 32 4 18.4	60.7	6	6.15
8240	θ Lyræ	4.5	11 30.43	61.1	4	2.082	+ 37 53 10.8	55.3	7	6.16
8241	24 Aquilæ	5.5	19 11 41.16	70.6	2	+ 3.070	+ 0 5 13.5	68.7	2	+ 6.17
8242	2 Vulpeculæ	5.5*	11 48.12	59.7	2	2.538	+ 22 46 33.5	53.7	2	6.18
8243	B. A. C. 6606 . . .	7.5	11 54.17	69.1	2	1.717	+ 46 48 54.0	54.6	3	6.18
8244	Weisse XIX, 277 . .	8.5	12 9.36	66.6	2	2.816	+ 11 23 19.2	67.7	2	6.21
8245	B. A. C. 6604 . . .	7.0	12 10.82	63.6	2	3.650	− 24 27 37.3	68.2	3	6.21
8246	Lacaille 8077 . . .	6.2	19 12 14.18	63.4	5	+ 3.970	− 35 14 13.0	65.8	2	+ 6.22
8247	B. A. C. 6607 . . .	6.5	12 14.68	59.9	3	3.603	− 22 39 31.7	65.4	4	6.22
8248	Anonymous . . .	8.5	12 17.46	68.7	2	3.516	− 19 15 5.1	55.7	4	6.22
8249	Lalande 36402 . . .	6.8	12 21.47	69.5	2	2.051	+ 38 46 40.9	48.7	1	6.23
8250	δ Draconis	5.0	12 30.56	49.0	8	0.017	+ 67 24 55.8	63.5	11	6.24
8251	Schjellerup 7273 . .	8.5	19 12 34.22	68.7	2	+ 3.301	− 10 12 51.2	66.6	2	+ 6.25
8252	Anonymous . . .	8.6	12 37.66	68.7	2	3.517	− 19 19 1.2	55.7	4	6.25
8253	B. A. C. 6609 . . .	6.5	12 46.81	60.6	5	3.801	− 29 51 47.4	55.3	6	6.26
8254	Gr. 12-year Cat. 1710 .	5.7	12 50.35	66.3	3	1.722	+ 46 44 13.0	54.7	3	6.27
8255	f Aquilæ	5.2	13 4.45	68.7	2	3.198	− 5 40 27.1	57.7	2	6.29
8256	B. A. C. 6611 . . .	7.9	19 13 6.76	64.1	6	+ 3.703	− 26 25 24.5	61.8	3	+ 6.29
8257	Dorpat 2497, (1st *) .	7.4	13 7.60	64.6	4	2.953	+ 5 20 26.2	68.7	2	6.29
8258	Dorpat 2497, (2d *) .	7.1	13 7.67	64.6	4	2.953	+ 5 19 55.6	68.7	2	6.29
8259	B. A. C. 6613 . . .	6.0	13 11.78	66.3	3	3.798	− 29 46 54.9	59.7	3	6.30
8260	O. Arg. S. 19423 . .	8.5	13 16.77	65.6	4	3.703	− 26 26 10.9	61.4	3	6.30
8261	B. A. C. 6616 . . .	7.0	19 13 24.78	60.6	2	+ 3.521	− 19 29 33.6	56.3	5	+ 6.31
8262	ρ^1 Sagittarii	4.0	13 33.04	57.4	18	3.487	− 18 6 25.3	61.4	3	6.33
8263	Weisse XIX, 315 . .	7.6	13 39.83	65.0	2	3.306	− 10 26 3.2	64.8	2	6.34
8264	ρ^2 Sagittarii	6.0	13 40.81	45.5	1	3.498	− 18 33 51.5	69.6	2	6.34
8265	v Sagittarii	5.8	13 42.38	66.6	3	3.441	− 16 12 50.8	68.6	2	6.34
8266	κ Cygni	5.5	19 13 52.04	67.6	3	+ 1.382	+ 53 6 39.8	62.7	2	+ 6.35
8267	Lalande 36478 . . .	6.4	14 5.43	68.6	2	2.110	+ 37 11 20.5	47.1	2	6.37
8268	Gr. 12-year Cat. 1719 .	8.0	14 23.04	61.3	4	3.556	− 20 54 2.9	60.6	5	6.40
8269	Lalande 36426 . . .	8.5*	14 24.20	68.7	2	3.515	− 19 17 6.6	55.7	5	6.40
8270	Lacaille 8090 . . .	6.5	14 35.93	63.1	8	3.967	− 35 13 52.7	68.2	2	6.41

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			h. m. s.			"	° ′ ″			"
8271	O. Arg. S. 19451 . .	9.5	19 14 37.26	66.6	2	+ 3.703	− 26 29 31.2	69.7	2	+ 6.42
8272	Dorpat 2501, (1st *) .	7.8	14 38.24	63.7	2	3.183	− 4 59 53.8	67.7	3	6.42
8273	Dorpat 2501, (2d *) .	9.0	14 38.81	63.7	2	3.183	− 4 59 34.3	68.7	2	6.42
8274	Lalande 36513 . . .	6.5	14 43.49	68.7	2	2.115	+ 37 4 50.0	48.6	1	6.43
8275	Anonymous . . .	7.0	14 46.68	69.2	3	2.135	+ 36 29 12.9	47.6	1	6.43
8276	Lalande 36448 . . .	8.5*	19 14 52.27	68.7	2	+ 3.514	− 19 14 43.1	55.7	2	+ 6.44
8277	O. Arg. S. 19459 . .	8.3	14 52.29	65.9	3	3.772	− 28 56 1.5	67.2	2	6.44
8278	Lacaille 8092 . . .	7.6	14 53.86	63.1	4	3.920	− 33 48 21.8	68.1	2	6.44
8279	O. Arg. S. 19465 . .	8.4	15 0.01	66.9	4	3.772	− 28 56 33.2	67.4	3	6.45
8280	Anonymous . . .	. .	15 11.64	69.6	1	3.773	− 28 58 9.7	68.7	2	6.46
8281	O. Arg. S. 19472 . .	7.6	19 15 21.14	68.7	2	+ 3.486	− 18 7 9.2	57.2	2	+ 6.48
8282	B. A. C. 6627 . . .	6.5	15 38.20	61.4	5	3.834	− 31 3 54.9	57.2	5	6.50
8283	B. A. C. 6628 . . .	5.6	15 46.39	54.3	4	3.748	− 28 7 56.5	66.1	2	6.51
8284	Anonymous . . .	8.4	16 7.59	64.5	3	3.620	− 23 26 27.5	65.4	3	6.53
8285	B. A. C. 6631 . . .	6.0	16 14.66	60.6	3	3.789	− 29 34 34.0	54.2	4	6.55
8286	Anonymous . . .	8.1	19 16 15.85	68.2	3	+ 3.260	− 8 28 59.5	68.6	2	+ 6.55
8287	Anonymous . . .	8.4	16 26.24	69.2	2	3.942	− 34 33 10.7	69.8	1	6.57
8288	O. Arg. S. 19502 . .	9.3	16 32.08	66.6	2	3.691	− 26 7 3.2	66.7	3	6.57
8289	Anonymous . . .	8.0	16 37.62	69.2	2	3.946	− 34 40 36.6	65.4	2	6.58
8290	Anonymous . . .	7.2	16 40.36	67.0	2	3.616	− 23 18 38.3	69.0	3	6.58
8291	χ^1 Sagittarii	5.5	19 16 45.13	61.6	7	+ 3.655	− 24 46 35.5	66.1	2	+ 6.59
8292	χ^2 Sagittarii	7.2	16 51.85	62.4	3	3.652	− 24 40 58.3	68.6	2	6.60
8293	Anonymous . . .	8.8	16 53.86	66.3	3	3.515	− 19 19 27.0	55.7	4	6.60
8294	Lalande 36557 . . .	7.0	16 55.38	69.7	2	3.417	− 15 17 39.1	68.7	2	6.60
8295	χ^3 Sagittarii	5.5	17 1.00	62.3	4	3.640	− 24 13 58.5	67.6	2	6.61
8296	O. Arg. S. 19516 . .	9.4	19 17 12.92	63.7	3	+ 3.692	− 26 10 20.2	66.7	2	+ 6.63
8297	Anonymous . . .	8.5	17 14.17	64.5	2	3.618	− 23 24 30.4	65.6	3	6.63
8298	Anonymous . . .	9.0	17 29.34	67.2	2	3.253	− 8 10 22.8	68.7	2	6.65
8299	O. Arg. S. 19525 . .	8.5	17 30.30	69.1	2	3.517	− 19 26 39.9	63.1	2	6.65
8300	50 Sagittarii	5.5	17 57.94	68.6	2	3.582	− 22 3 0.3	62.2	2	6.69
8301	2 Sagittæ	6.0*	19 18 4.81	60.4	4	+ 2.695	+ 16 40 2.9	57.0	8	+ 6.70
8302	B. A. C. 6639 . . .	5.8	18 5.34	63.6	4	3.800	− 30 1 0.0	67.7	2	6.70
8303	B. A. C. 6643 . . .	5.5	18 13.09	66.1	2	+ 3.417	− 15 19 37.7	68.2	2	6.71
8304	τ Draconis	4.5*	18 13.31	66.3	2	− 1.073	+ 73 5 39.7	63.8	3	6.71
8305	δ Aquilæ	3.4*	18 26.21	53.5	294	+ 3.010	+ 2 50 18.3	50.6	100	6.73
8306	3 Sagittæ	6.5*	19 18 27.79	60.3	3	+ 2.694	+ 16 41 8.0	57.2	6	+ 6.73
8307	Weisse XIX, 438 . .	7.8	18 33.48	67.1	2	3.008	+ 2 55 12.7	67.7	2	6.74
8308	2 Cygni	5.5*	18 36.26	60.7	2	2.364	+ 29 20 58.8	56.4	4	6.74
8309	Anonymous . . .	9.2	18 47.49	63.7	2	3.691	− 26 10	. .	.	6.76
8310	O. Arg. S. 19551 . .	8.5	18 47.56	63.7	2	3.692	− 26 12 41.4	66.7	3	6.76

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8311	4 Vulpeculæ	6.0*	19 19 19.91	61.7	2	+ 2.626	+ 19 31 35.9	56.0	5	+ 6.80
8312	Lalande 36729 . . .	7.2	19 22.48	68.7	2	2.056	+ 38 56 27.8	48.7	1	6.81
8313	Lacaille 8111 . . .	7.2	19 28.95	62.7	3	3.995	— 36 16 47.7	64.7	3	6.82
8314	Lalande 36732 . . .	7.3	19 32.55	69.0	3	2.127	+ 36 54 54.0	47.7	1	6.82
8315	O. Arg. S. 19575 . .	8.1	19 38.44	65.6	3	3.610	— 23 9 11.2	67.7	2	6.83
8316	O. Arg. S. 19588 . .	8.5	19 20 13.59	64.0	3	+ 3.689	— 26 10 44.4	66.7	3	+ 6.88
8317	O. Arg. S. 19591 . .	8.5	20 18.33	63.7	2	3.688	— 26 6 59.2	66.7	2	6.88
8318	Lalande 36774 . . .	6.5	20 20.02	68.7	1	2.127	+ 36 58 13.2	47.6	2	6.89
8319	B. A. C. 6663 . . .	6.5*	20 21.09	48.7	1	2.623	+ 19 36 56.3	67.7	2	6.89
8320	Anonymous . . .	8.5	20 30.62	68.7	2	4.111	— 39 36 6.4	65.5	2	6.90
8321	O. Arg. S. 19600 . .	9.0	19 20 35.70	66.2	2	+ 3.685	— 26 2 29.2	67.8	3	+ 6.91
8322	Anonymous. . . .	5.9	20 37.36	68.6	2	3.417	— 15 23 0.3	63.2	2	6.91
8323	Weisse (2) XIX, 616 .	9.0*	20 41.43	69.6	2	2.628	+ 19 28 24.9	68.2	2	6.92
8324	B. A. C. 6665 . . .	6.8	20 45.65	61.3	6	3.828	— 31 4 15.0	55.6	5	6.92
8325	O. Arg. S. 19609 . .	8.8	21 2.57	65.5	8	3.686	— 26 5 5.7	67.4	3	6.94
8326	4 Cygni	6.0*	19 21 6.53	63.3	3	+ 2.159	+ 36 2 19.6	51.2	6	+ 6.95
8327	O. Arg. S. 19612 . .	8.5	21 9.21	60.6	2	3.731	— 27 43 7.7	58.6	2	6.95
8328	Anonymous . . .	9.5	21 11.12	69.6	1	3.684	— 26 2 5.5	68.2	2	6.96
8329	B. A. C. 6666 . . .	5.7	21 12.35	62.1	7	3.718	— 27 16 6.3	58.7	4	6.96
8330	Lacaille 8120 . . .	6.6	21 13.54	63.1	4	3.867	— 32 22 28.3	66.2	2	6.96
8331	O. Arg. S. 19618 . .	8.3	19 21 20.58	64.7	2	+ 3.728	— 27 37 56.8	58.6	2	+ 6.97
8332	O. Arg. S. 19623 . .	8.5	21 28.40	69.1	2	3.523	— 19 46 31.3	62.7	2	6.98
8333	O. Arg. S. 19629 . .	8.3	21 50.18	69.5	1	3.521	— 19 43 26.8	56.7	1	7.02
8334	Lacaille 8126 . . .	7.1	21 54.34	63.0	3	3.885	— 32 59 2.0	66.6	1	7.02
8335	Lacaille 8121 . . .	7.0	21 57.38	66.6	2	4.228	— 42 43 8.1	68.2	2	7.02
8336	O. Arg. S. 19631 . .	7.3	19 21 57.59	69.0	3	+ 3.520	— 19 40 17.5	61.0	3	+ 7.02
8337	Lacaille 8128 . . .	7.3	22 30.64	62.7	3	3.990	— 36 14 54.5	67.6	2	7.07
8338	Anonymous . . .	9.0	22 34.01	67.6	2	3.614	— 23 24 44.7	66.7	2	7.07
8339	Lalande 36891 . . .	6.2	22 41.25	68.7	2	2.107	+ 37 39 31.2	48.6	1	7.08
8340	B. A. C. 6673 . . .	6.5*	22 41.42	59.6	2	2.374	+ 29 10 1.6	53.6	3	7.08
8341	B. A. C. 6672 . . .	7.3	19 22 42.05	62.0	9	+ 3.683	— 26 1 25.5	61.4	6	+ 7.08
8342	a Vulpeculæ	4.0*	22 52.79	55.8	3	2.505	+ 24 23 2.3	68.7	3	7.10
8343	Anonymous . . .	9.0	23 14.68	63.5	3	3.544	— 20 42 36.6	56.6	2	7.12
8344	Anonymous . . .	7.7	23 16.52	64.7	2	3.612	— 23 23 17.9	66.0	3	7.12
8345	B. A. C. 6677 . . .	7.7	23 19.09	61.7	9	3.751	— 28 30 12.6	58.2	8	7.13
8346	e Aquilæ	5.0	19 23 20.44	62.6	2	+ 3.139	— 3 4 38.0	57.7	2	+ 7.13
8347	Lalande 36857 . . .	6.5	23 30.52	66.0	6	3.519	— 19 40 36.6	60.5	7	7.15
8348	O. Arg. S. 19662 . .	8.2	23 31.09	61.9	3	3.737	— 28 2 28.0	59.4	3	7.15
8349	B. A. C. 6680 . . .	6.0	23 33.53	61.4	5	3.827	— 31 9 39.2	53.6	3	7.15
8350	Lalande 36878 . . .	9.0*	23 51.	. .	.	3.544	— 20 41 33.9	56.6	3	7.18

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			h. m. s.			"	° ′ ″			"
8351	B. A. C. 6682 . . .	6.9	19 23 56.48	61.9	7	+ 3.744	− 28 17 1.3	58.7	3	+ 7.18
8352	O. Arg. S. 19674 . .	8.0*	24 1.15	65.4	5	3.603	− 23 1 59.4	68.7	2	7.19
8353	B. A. C. 6684 . . .	6.6	24 10.67	63.2	4	3.812	− 30 39 22.5	66.7	2	7.20
8354	B. A. C. 6685 . . .	7.3	24 17.72	62.7	10	3.689	− 26 19 18.6	67.0	3	7.21
8355	O. Arg. S. 19685 . .	9.1	24 23.26	63.0	8	3.719	− 27 24 40.5	58.0	3	7.22
8356	Lacaille 8138 . . .	6.0	19 24 31.86	67.0	3	+ 4.131	− 40 19 52.1	66.1	2	+ 7.23
8357	Lacaille 8143 . . .	6.3	24 33.50	62.3	3	3.929	− 34 29 34.8	68.2	2	7.23
8358	O. Arg. S. 19689 . .	8.5	24 35.24	64.2	2	3.583	− 22 17 41.2	68.7	2	7.24
8359	O. Arg. S. 19693 . .	8.2	25 0.90	68.7	2	3.515	− 19 34 5.5	62.2	2	7.27
8360	β Cygni, (1st *) . . .	3.3	25 4.51	48.3	21	2.419	+ 27 40 6.0	61.7	3	7.28
8361	β Cygni, (2d *) . . .	7.3	19 25 6.74	57.1	4	+ 2.419	+ 27 40 24.3	63.2	4	+ 7.28
8362	Anonymous . . .	8.0	25 9.64	69.3	3	3.716	− 27 20 33.0	55.7	2	7.28
8363	Anonymous . . .	8.8	25 11.34	69.3	3	3.716	− 27 21	. .	.	7.28
8364	O. Arg. S. 19694 . .	9.0	25 17.31	63.0	9	3.719	− 27 27 34.8	56.5	4	7.29
8365	O. Arg. S. 19708 . .	8.0	25 45.54	64.0	15	3.718	− 27 26 59.9	58.5	5	7.33
8366	O. Arg. S. 19713 . .	8.9	19 25 53.53	63.9	13	+ 3.718	− 27 27 31.5	58.5	5	+ 7.34
8367	O. Arg. S. 19715 . .	8.0	25 57.16	62.0	3	3.522	− 19 52 7.7	60.9	6	7.35
8368	B. A. C. 6694 . . .	6.6	26 6.66	62.6	5	3.630	− 24 9 27.3	65.6	2	7.36
8369	B. A. C. 6693 . . .	6.8	26 7.98	64.0	3	3.848	− 31 54 36.1	61.8	2	7.36
8370	Lacaille 8153 . . .	7.2	26 36.95	62.9	5	4.012	− 37 6 26.8	67.0	3	7.40
8371	O. Arg. S. 19732 . .	8.4	19 27 6.36	65.7	2	+ 3.521	− 19 52 52.0	62.4	3	+ 7.44
8372	Anonymous . . .	8.0	27 9.49	65.7	2	3.760	− 29 0 13.4	68.2	2	7.45
8373	μ Aquilæ	4.9	27 14.90	57.5	10	2.918	+ 7 5 4.4	58.7	8	7.45
8374	O. Arg. S. 19737 . .	7.8	27 17.90	65.6	4	3.759	− 28 58 16.5	68.2	2	7.46
8375	B. A. C. 6700 . . .	6.5	27 18.33	45.5	1	3.550	− 21 4 43.8	69.0	3	7.46
8376	k Aquilæ	5.5*	19 27 24.48	45.4	1	+ 3.310	− 10 51 45.8	68.8	2	+ 7.46
8377	h^1 Sagittarii	6.0	27 31.38	63.1	4	3.651	− 25 1 18.5	69.1	5	7.47
8378	Lacaille 8159 . . .	6.4	27 34.52	62.8	5	3.878	− 32 59 45.8	68.2	2	7.48
8379	O. Arg. S. 19746 . .	7.3	27 40.53	65.6	4	3.759	− 28 58 43.6	68.2	2	7.49
8380	Lacaille 8158 . . .	7.5	27 53.10	63.7	1	4.179	− 41 45 51.6	68.9	4	7.50
8381	O. Arg. S. 19748 . .	8.5	19 27 54.37	68.6	2	+ 3.521	− 19 53 53.0	63.3	2	+ 7.51
8382	Anonymous . . .	8.0	27 56.00	67.7	4	4.181	− 41 48 57.4	68.7	1	7.51
8383	O. Arg. S. 19753 . .	8.2	28 2.30	68.7	2	3.504	− 19 12 31.5	62.2	2	7.52
8384	Anonymous . . .	9.0	28 6.52	69.3	3	3.714	− 27 24 5.6	63.7	2	7.52
8385	Weisse XIX, 692 . .	8.3	28 6.69	66.6	2	3.305	− 10 40 10.3	68.2	2	7.52
8386	h^2 Sagittarii	5.5	19 28 11.02	60.5	38	+ 3.655	− 25 11 19.4	60.6	4	+ 7.53
8387	B. A. C. 6707 . . .	7.0*	28 16.20	59.7	2	3.502	− 19 9 29.5	56.7	7	7.54
8388	O. Arg. S. 19758 . .	8.0	28 16.91	64.6	2	3.725	− 27 48 22.0	69.2	2	7.54
8389	9 Vulpeculæ	5.5*	28 25.92	61.0	3	2.634	+ 19 28 11.8	57.2	4	7.55
8390	Anonymous		28 28.	. .	.	2.634	+ 19 29 29.4	69.8	1	7.55

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			h. m. s.			"	° ′ ″			"
8391	Anonymous . . .	8.7	19 28 37.82	70.6	1	+ 4.113	− 40 3 15.9	69.7	2	+ 7.56
8392	Anonymous . . .	8.0	28 37.95	64.9	3	4.077	− 39 3 59.2	69.2	2	7.56
8393	B. A. C. 6711 . . .	6.0*	28 43.	. .	.	2.089	+ 38 27 34.0	48.6	1	7.57
8394	O. Arg. S. 19770 . .	7.8	28 39.76	68.7	2	3.501	− 19 5 26.3	63.2	2	7.57
8395	Anonymous . . .	. .	28 46.01	59.6	1	2.634	+ 19 29 31.7	71.7	3	7.57
8396	B. A. C. 6710 . . .	7.0*	19 28 55.77	59.7	2	+ 3.487	− 18 32 18.4	55.4	3	+ 7.59
8397	Lacaille 8169 . . .	6.5	28 57.96	62.8	5	3.883	− 33 13 15.8	66.6	2	7.59
8398	O. Arg. S. 19775 . .	8.0	28 56.26	69.1	2	3.539	− 20 40 27.2	66.7	2	7.59
8399	Weisse XIX, 719 . .	8.3	29 5.76	64.6	2	3.307	− 10 44 27.3	68.2	2	7.60
8400	O. Arg. S. 19780 . .	8.5	29 7.40	62.2	2	3.761	− 29 7 25.3	59.4	4	7.60
8401	Weisse XIX, 722 . .	6.2	19 29 9.26	64.0	3	+ 3.300	− 10 27 51.0	69.7	2	+ 7.61
8402	9 Cygni	5.5*	29 17.13	59.6	2	2.382	+ 29 9 25.7	53.6	6	7.62
8403	κ Aquilæ	4.0*	29 21.46	64.6	45	3.231	− 7 20 7.0	64.9	7	7.62
8404	Lacaille 8170 . . .	7.7	29 41.68	64.5	2	4.179	− 41 51 24.0	68.2	2	7.65
8405	O. Arg. S. 19796 . .	8.6	29 42.97	69.1	2	3.732	− 28° 5 55.5	65.0	3	7.65
8406	Anonymous . . .	8.3	19 29 43.34	69.1	2	+ 3.720	− 27 40 10.7	63.2	2	+ 7.65
8407	O. Arg. S. 19798 . .	8.0	29 50.21	69.6	3	3.758	− 29 3 8.1	66.4	3	7.66
8408	O. Arg. S. 19800 . .	9.0*	29 54.26	69.6	1	3.762	− 29 10 25.1	58.0	3	7.67
8409	B. A. C. 6718 . . .	5.0	30 7.29	65.1	2	1.956	+ 42 6 27.3	54.6	2	7.68
8410	B. A. C. 6716 . . .	6.4	30 11.67	62.8	8	3.754	− 28 55 11.4	58.3	6	7.69
8411	O. Arg. S. 19809 . .	7.2	19 30 16.63	68.7	1	+ 3.720	− 27 41 1.4	60.9	4	+ 7.70
8412	O. Arg. S. 19811 . .	9.5	30 17.58	61.6	2	3.536	− 20 37 7.1	58.3	3	7.70
8413	Anonymous . . .	9.0	30 21.06	69.6	2	3.711	− 27 22 43.7	63.1	2	7.70
8414	Lacaille 8174 . . .	6.8	30 22.98	69.6	2	4.098	− 39 44 44.8	63.6	4	7.71
8415	B. A. C. 6721 . . .	6.0*	30 41.15	69.6	2	1.708	+ 47 51 39.8	61.7	3	7.73
8416	11 Cygni	5.2	19 30 46.38	69.5	2	+ 2.155	+ 36 38 9.7	46.6	1	+ 7.74
8417	ε Sagittæ	5.0	30 57.09	69.6	2	2.715	+ 16 9 4.1	67.8	2	7.75
8418	Weisse (2) XIX, 956 .	9.0	31 3.32	69.6	2	2.715	+ 16 9 19.9	67.8	2	7.76
8419	O. Arg. S. 19830 . .	8.5	31 19.32	60.6	2	3.723	− 27 51 3.8	58.7	2	7.78
8420	53 Sagittarii	6.2	31 24.39	62.2	7	3.614	− 23 44 32.3	60.5	6	7.79
8421	Lalande 37221 . . .	7.5	19 31 35.48	60.6	2	+ 3.579	− 22 22 43.1	59.7	6	+ 7.80
8422	O. Arg. S. 19837 . .	7.8	31 40.41	68.7	2	3.650	− 25 8 21.3	66.7	1	7.81
8423	B. A. C. 6727 . . .	5.9	31 41.91	60.0	8	3.613	− 23 44 43.8	61.0	7	7.81
8424	O. Arg. S. 19839 . .	8.8	31 52.12	64.7	2	3.716	− 27 36 53.1	58.6	2	7.83
8425	Madras 1417 . . .	7.5	31 54.92	60.6	2	3.541	− 20 51 52.7	56.6	3	7.83
8426	Anonymous . . .	8.0	19 31 57.44	62.6	1	+ 3.611	− 23 38 51.4	67.7	2	+ 7.83
8427	Lalande 37300 . . .	6.2	32 1.23	68.7	2	2.108	+ 38 4 18.3	48.6	3	7.84
8428	B. A. C. 6728 . . .	5.5	32 5.24	59.6	3	1.908	+ 43 23 39.8	53.6	4	7.84
8429	O. Arg. S. 19845 . .	7.5	32 8.14	60.6	2	3.727	− 28 0 50.2	58.6	2	7.85
8430	B. A. C. 6730 . . .	6.5	32 10.69	66.2	2	1.610	+ 49 55 34.7	66.7	2	7.85

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			h. m. s.			″	° ′ ″			″
8431	σ Aquilæ	5.5	19 32 16.99	53.5	9	+ 2.962	+ 5 4 54.0	58.8	8	+ 7.86
8432	Lacaille 8185 . . .	6.8	32 30.10	63.1	4	+ 4.006	− 37 12 29.7	66.7	2	7.88
8433	σ Draconis	5.0	32 38.47	68.7	2	− 0.203	+ 69 25 24.4	58.6	2	7.89
8434	Anonymous	. .	32 39.	. .	.	+ 3.619	− 23 58 9.2	67.7	2	7.89
8435	θ Cygni	5.5	32 41.08	66.2	2	1.612	+ 49 53 55.8	62.6	4	7.89
8436	e^1 Sagittarii	5.0	19 32 41.93	65.3	2	+ 3.438	− 16 36 38.1	65.4	3	+ 7.89
8437	Lacaille 8186 . . .	6.5	32 55.11	63.1	5	3.996	− 36 57 11.0	65.2	2	7.91
8438	O. Arg. S. 19861 . .	7.5	33 5.65	61.0	3	3.649	− 25 9 31.1	67.2	2	7.92
8439	Anonymous . . .	7.2	33 5.96	68.7	2	3.758	− 29 10 26.4	55.7	3	7.93
8440	O. Arg. S. 19863 . .	9.0	33 6.82	61.8	1	3.690	− 26 42 21.3	56.4	3	7.93
8441	Anonymous . . .	8.2	19 33 16.13	65.6	5	+ 3.618	− 23 57 23.7	67.7	2	+ 7.94
8442	45 Aquilæ	4.5	33 30.50	45.6	3	3.092	− 0 56 33.5	67.8	2	7.96
8443	Lacaille 8191 . . .	7.0	33 33.87	63.0	3	4.023	− 37 45 47.4	63.8	2	7.96
8444	Anonymous . . .	9.0	33 33.90	64.5	1	3.637	− 24 42 53.4	69.7	2	7.96
8445	Anonymous . . .	8.5	33 37.40	66.1	2	3.856	− 32 33 44.5	69.1	2	7.97
8446	Lacaille 8193 . . .	7.0	19 33 45.08	63.1	4	+ 3.973	− 36 18 22.3	68.2	2	+ 7.98
8447	Anonymous . . .	8.6	33 45.93	65.7	2	3.618	− 23 58 34.0	67.7	2	7.98
8448	O. Arg. S. 19874 . .	8.8	33 47.95	66.6	3	3.691	− 26 46 4.3	56.5	3	7.98
8449	μ Sagittæ	5.0	33 50.30	58.1	2	2.681	+ 17 41 40.6	63.8	3	7.98
8450	φ Cygni	4.0*	33 50.80	59.6	2	2.369	+ 29 49 57.7	53.5	4	7.98
8451	B. A. C. 6738 . . .	6.5	19 33 52.61	61.8	12	+ 3.649	− 25 10 56.6	58.0	3	+ 7.99
8452	O. Arg. S. 19880 . .	7.5	34 9.10	64.8	4	3.636	− 24 42 9.3	65.1	2	8.01
8453	Lacaille 8196 . . .	6.1	34 15.87	63.0	3	4.025	− 37 52 21.4	63.8	2	8.02
8454	Anonymous . . .	7.1	34 17.65	64.2	2	3.898	− 33 58 19.8	69.7	3	8.02
8455	Weisse XIX, 875 . .	7.1	34 18.61	68.7	2	2.820	+ 11 36 9.3	61.7	3	8.02
8456	e^2 Sagittarii	5.0	19 34 30.50	61.4	16	+ 3.434	− 16 26 53.5	58.4	2	+ 8.04
8457	Anonymous . . .	7.6	34 32.50	68.7	2	2.157	+ 36 45 12.0	47.7	2	8.04
8458	Weisse XIX, 886 . .	8.6	34 42.00	68.7	2	2.820	+ 11 37 32.6	63.6	2	8.05
8459	β Sagittæ	5.0*	34 45.63	59.6	2	2.694	+ 17 9 15.2	53.8	3	8.06
8460	Lacaille 8197 . . .	6.4	34 45.65	63.7	2	4.172	− 41 56 16.3	70.2	2	8.06
8461	14 Cygni	5.5*	19 34 53.08	59.6	2	+ 1.950	+ 42 29 45.9	53.8	4	+ 8.07
8462	O. Arg. S. 19901 . .	7.0	35 42.21	60.6	3	3.721	− 27 58 14.9	58.7	2	8.13
8463	O. Arg. S. 19902 . .	8.5	35 50.49	68.6	2	3.689	− 26 47 11.1	55.8	2	8.14
8464	Anonymous . . .	9.2	35 54.62	64.1	2	2.900	+ 8 1 58.9	68.7	3	8.15
8465	Dorpat 2562, (1st *) .	8.9	35 58.10	63.9	6	2.899	+ 8 3 3.9	68.2	2	8.16
8466	χ Aquilæ	6.0*	19 35 58.77	58.9	4	+ 2.824	+ 11 29 58.6	59.2	6	+ 8.16
8467	Schjellerup, 7555 . .	9.1	35 59.21	67.2	2	2.947	+ 5 51 32.8	67.8	2	8.16
8468	Dorpat 2562, (2d *) .	7.9	35 59.89	63.9	7	2.899	+ 8 3 11.5	68.2	2	8.16
8469	Anonymous . . .	7.8	36 1.32	66.2	2	4.237	− 43 38 10.6	68.2	2	8.16
8470	Anonymous . . .	7.5	36 10.19	64.4	5	3.595	− 23 11 9.6	65.1	2	8.17

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			h. m. s.			″	° ′ ″			″
8471	O. Arg. S. 19908 . .	8.8	19 36 15.75	65.2	2	+ 3.698	— 27 8 11.2	62.0	3	+ 8.18
8472	O. Arg. S. 19909 . .	7.5	36 16.73	64.9	4	3.605	— 23 35 37.7	65.0	3	8.18
8473	O. Arg. S. 19915 . .	8.9	36 30.48	68.7	2	3.692	— 26 56 31.5	63.7	2	8.20
8474	B. A. C. 6753 . . .	7.0	36 31.95	61.4	3	3.812	— 31 14 6.5	66.6	1	8.20
8475	O. Arg. S. 19916 . .	8.0	36 36.18	60.6	2	3.713	— 27 43 45.0	58.6	2	8.21
8476	Anonymous. . . .	7.5	19 37 1.25	69.4	4	+ 4.086	— 39 45 39.1	63.6	2	+ 8.24
8477	B. A. C. 6755 . . .	5.6	37 4.90	62.6	7	3.841	— 32 14 32.0	63.4	4	8.24
8478	O. Arg. S. 19924 . .	9.0	37 11.74	64.7	2	3.694	— 27 2 33.9	69.4	3	8.25
8479	Anonymous . . .	9.2	37 19.85	65.6	2	2.947	+ 5 50 34.7	67.8	2	8.26
8480	Weisse XIX, 958 . .	7.8	37 35.54	69.5	2	2.973	+ 4 38 34.1	67.7	2	8.28
8481	Lacaille 8209 . . .	6.8	19 37 35.75	63.6	3	+ 4.235	— 43 40 50.0	65.1	3	+ 8.29
8482	Lacaille 8214 . . .	7.3	37 39.20	63.1	6	3.841	— 32 16 16.8	63.6	2	8.29
8483	O. Arg. S. 19933 . .	6.8	37 41.24	68.7	2	3.709	— 27 36 12.2	58.6	2	8.29
8484	*f* Sagittarii	6.8	38 11.49	62.0	22	3.517	— 20 5 38.5	58.4	8	8.33
8485	Lalande 37507 . . .	7.8	38 12.51	61.2	2	3.560	— 21 51 33.4	59.6	7	8.33
8486	Anonymous . . .	9.2	19 38 15.22	66.6	2	+ 3.750	— 29 9 0.9	63.7	2	+ 8.34
8487	O. Arg. S. 19941 . .	7.5*	38 26.	. .	.	3.687	— 26 49 39.6	55.8	2	8.35
8488	Anonymous . . .	9.2	38 33.95	69.7	2	3.737	— 28 42 5.7	69.3	3	8.36
8489	Lacaille 8216 . . .	8.0	38 37.73	68.7	2	4.182	— 42 25 7.8	66.7	1	8.37
8490	O. Arg. S. 19944 . .	8.4	38 46.51	68.7	2	3.695	— 27 9 52.3	58.7	2	8.38
8491	Lalande 37597 . . .	6.5	19 38 49.	. .	.	+ 2.123	+ 37 59 20.2	47.9	3	+ 8.38
8492	B. A. C. 6769 . . .	6.0*	39 4.74	59.6	2	2.000	+ 41 26 20.7	53.6	4	8.40
8493	Anonymous . . .	7.0	39 5.84	66.2	6	3.740	— 28 49 50.7	66.7	3	8.40
8494	Anonymous . . .	. .	39 5.88	60.6	3	3.737	— 28 43 18.6	69.7	3	8.40
8495	B. A. C. 6768 . . .	7.0	39 7.17	61.4	5	3.759	— 29 30 2.3	57.4	6	8.41
8496	O. Arg. S. 19956 . .	7.5	19 39 11.60	68.7	2	+ 3.566	— 22 10 2.3	56.2	2	+ 8.41
8497	15 Cygni	5.5	39 13.72	68.8	2	2.157	+ 37 1 5.8	46.7	10	8.41
8498	Anonymous . . .	8.8	39 19.68	67.6	3	2.974	+ 4 37 50.9	61.7	2	8.42
8499	O. Arg. S. 19957 . .	9.0	39 34.91	62.3	3	3.670	— 26 14 17.6	58.1	4	8.44
8500	*γ* Aquilæ	3.0*	39 36.18	53.5	276	2.852	+ 10 16 29.2	50.5	102	8.44
8501	O. Arg. S. 19960 . .	8.7	19 39 44.36	60.6	1	+ 3.690	— 27 0 1.4	64.2	2	+ 8.45
8502	Anonymous . . .	8.0	39 49.46	68.6	2	3.701	— 27 26 7.3	63.2	2	8.46
8503	Lacaille 8231 . . .	6.9	40 12.56	62.6	2	4.022	— 38 7 17.7	64.8	2	8.49
8504	B. A. C. 6770 . . .	8.2	40 23.24	62.5	5	3.736	— 28 45 16.9	58.6	4	8.51
8505	O. Arg. S. 19978 . .	5.9	40 27.14	63.1	5	3.747	— 29 7 46.4	66.6	2	8.51
8506	*δ* Cygni	3.5	19 40 35.94	61.7	2	+ 1.871	+ 44 47 26.7	57.0	4	+ 8.52
8507	B. A. C. 6777 . . .	6.0*	40 38.07	60.7	2	2.235	+ 34 40 23.9	56.4	6	8.53
8508	B. A. C. 6778 . . .	6.9	40 58.55	63.7	3	4.169	— 42 12 25.9	66.7	2	8.55
8509	Weisse (2) XIX, 1330 .	8.0	41 13.33	59.7	2	2.235	+ 34 42 1.0	68.1	3	8.55
8510	O. Arg. S. 19985 . .	8.3	41 22.38	64.6	2	3.680	— 26 42 29.6	67.8	2	8.58

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			h. m. s.			"	° ′ ″			"
8511	Anonymous. . . .	7.3	19 41 25.65	67.2	2	+ 3.292	− 10 19 42.3	66.2	2	+ 8.59
8512	O. Arg. S. 19987 . .	8.2	41 31.66	65.7	2	3.612	− 24 3 53.5	67.7	2	8.60
8513	Lacaille 8237 . . .	6.9	41 44.49	63.6	2	4.176	− 42 26 34.8	68.2	2	8.61
8514	O. Arg. N. 19614 . .	9.0	41 45.95	64.1	2	1.127	+ 58 10 18.4	65.7	2	8.62
8515	B. A. C. 6786 . . .	7.0	41 46.68	62.6	7	3.689	− 27 3 50.3	62.0	10	8.62
8516	Weisse XIX, 1060 . .	6.9	19 41 51.37	68.6	2	+ 2.852	+ 10 20 56.6	56.6	3	+ 8.62
8517	(* 119) Washington .	9.2	41 52.42	65.2	2	1.108	+ 58 25 5.3	69.1	2	8.62
8518	Lacaille 8238 . . .	7.5	41 52.93	63.5	2	3.990	− 37 14 44.5	62.6	2	8.62
8519	O. Arg. S. 19990 . .	8.4	41 52.94	68.7	2	3.704	− 27 38 2.8	63.7	2	8.62
8520	Anonymous. . . .	8.7	41 56.04	68.7	3	3.574	− 22 34 19.1	62.6	2	8.63
8521	O. Arg. S. 19998 . .	8.6	19 42 8.40	68.7	2	+ 3.674	− 26 31 6.3	65.6	3	+ 8.65
8522	O. Arg. S. 19997 . .	8.0	42 8.76	68.7	2	3.705	− 27 41 57.9	58.6	2	8.64
8523	O. Arg. S. 20002 . .	9.0	42 21.40	69.5	1	3.685	− 26 59 17.3	63.7	2	8.66
8524	Lacaille 8242 . . .	6.1	42 27.69	62.7	2	4.003	− 37 41 6.8	62.7	4	8.67
8525	Lalande 37753 . . .	5.5	42 29.57	68.7	3	2.128	+ 38 3 46.5	48.3	3	8.67
8526	B. A. C. 6792 . . .	6.8	19 42 32.13	62.5	6	+ 3.708	− 27 49 21.1	61.2	4	+ 8.68
8527	Weisse XIX, 1068 . .	7.0	42 34.25	65.5	3	3.379	− 14 16 22.6	67.7	2	8.68
8528	Anonymous. . . .	8.0	42 34.86	63.4	1	4.040	− 38 45 14.6	66.8	2	8.68
8529	ζ Sagittæ	5.0*	42 45.78	56.0	3	2.662	+ 18 47 36.0	53.6	3	8.69
8530	Anonymous. . . .	9.0	43 2.	. .	.	3.571	− 22 29 43.2	62.2	2	8.72
8531	B. A. C. 6795 . . .	6.8	19 43 3.89	62.7	6	+ 3.697	− 27 26 2.6	63.2	2	+ 8.72
8532	Lalande 37785 . . .	7.0	43 29.	. .	.	2.231	+ 34 57 38.4	48.6	2	8.75
8533	Lacaille 8249 . . .	6.3	43 49.25	63.0	3	3.833	− 32 19 51.4	63.7	2	8.78
8534	α Aquilæ	1.2*	43 56.88	54.0	337	2.892	+ 8 30 1.7	51.4	90	8.79
8535	57 Sagittarii	5.0	44 3.62	46.7	2	3.495	− 19 23 49.8	68.2	2	8.80
8536	O. Arg. S. 20022 . .	8.0	19 44 8.41	68.6	2	+ 3.689	− 27 11 34.8	66.7	4	+ 8.80
8537	O. Arg. S. 20024 . .	9.0	44 12.	. .	.	3.691	− 27 14 41.6	69.8	2	8.81
8538	Anonymous. . . .	9.5	44 20.66	61.7	2	3.571	− 22 34 8.7	56.5	5	8.82
8539	O. Arg. S. 20030 . .	7.8	44 28.25	64.2	4	3.594	− 23 30 40.7	65.8	2	8.83
8540	O. Arg. S. 20039 . .	7.5	44 49.11	68.6	2	3.691	− 27 18 0.1	63.6	2	8.86
8541	Lacaille 8253 . . .	7.5	19 44 57.29	63.1	3	+ 3.954	− 36 20 39.1	67.0	3	+ 8.87
8542	O. Arg. S. 20046 . .	9.0	45 23.22	64.7	2	3.705	− 27 50 57.7	58.6	2	8.90
8543	ι Sagittarii	4.5	45 35.57	63.7	3	4.159	− 42 13 57.2	66.7	2	8.92
8544	O. Arg. S. 20049 . .	7.0	45 35.66	68.6	2	3.684	− 27 3 18.8	65.0	3	8.92
8545	19 Cygni	6.0*	45 36.49	47.4	2	2.124	+ 38 21 50.4	46.8	1	8.92
8546	B. A. C. 6817 . . .	5.0*	19 45 48.98	59.5	2	+ 2.059	+ 40 14 43.0	53.5	3	+ 8.93
8547	Weisse XIX, 1150 . .	7.6	45 49.85	65.6	3	3.382	− 14 31 59.2	65.7	1	8.94
8548	O. Arg. S. 20051 . .	8.3	45 50.68	64.6	2	3.680	− 26 56 9.4	65.0	3	8.94
8549	O. Arg. S. 20053 . .	9.1	45 54.34	68.7	2	3.701	− 27 42 52.1	58.7	2	8.94
8550	B. A. C. 6814 . . .	6.4	45 54.40	63.5	7	3.612	− 24 17 9.7	64.8	2	8.94

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			h. m. s.			″	° ′ ″			″
8551	O. Arg. S. 20055 . .	8.5	19 46 5.58	65.3	2	+ 3.456	− 17 46 23.4	61.7	3	+ 8.95
8552	B. A. C. 6816 . . .	5.9	46 6.34	62.2	5	3.861	− 33 24 28.5	63.8	2	8.96
8553	Weisse XIX, 1160. .	8.5	46 10.24	67.2	2	3.375	− 14 12 42.3	67.7	2	8.96
8554	O. Arg. S. 20058 . .	8.3	46 31.59	68.8	2	3.693	− 27 28 17.0	58.7	1	8.99
8555	56 Aquilæ	6.0	46 32.38	63.6	3	3.260	− 8 56 4.1	65.7	2	8.99
8556	O. Arg. S. 20063 . .	8.2	19 46 46.21	66.6	2	+ 3.611	− 24 16 12.1	66.7	2	+ 9.01
8557	Lacaille 8263 . . .	5.7	46 48.49	63.6	3	4.029	− 38 41 25.7	66.8	2	9.01
8558	57 Aquilæ, (1st *) . . .	6.0	47 2.80	65.2	2	3.252	− 8 35 19.0	69.2	4	9.03
8559	57 Aquilæ, (2d *) . . .	6.2	47 3.16	65.2	2	3.252	− 8 35 54.4	69.2	4	9.03
8560	Weisse XIX, 1187. .	7.6	47 13.85	65.6	3	3.373	− 14 8 45.8	67.7	2	9.04
8561	Lalande 37873 . . .	7.0	19 47 14.61	66.2	5	+ 3.498	− 19 39 23.1	58.6	7	+ 9.05
8562	ω Sagittarii	5.4	47 15.53	62.2	5	3.671	− 26 40 0.8	68.9	4	9.05
8563	ξ Aquilæ	5.0*	47 27.69	47.7	1	2.902	+ 8 6 7.4	64.4	3	9.06
8564	Anonymous . . .	9.8	47 36.09	69.6	2	3.562	− 22 20 3.5	55.8	2	9.03
8565	Anonymous . . .	8.3	47 44.22	69.3	2	3.681	− 27 4 15.6	63.2	2	9.08
8566	Anonymous		19 47 53.77	69.6	3	+ 4.063	− 39 45 2.3	63.7	3	+ 9.10
8567	O. Arg. S. 20078 . .	8.2	47 58.18	68.7	2	3.705	− 27 59 18.9	64.1	2	9.10
8568	B. A. C. 6829 . . .	6.0	48 0.08	61.4	5	3.786	− 30 56 13.6	58.0	9	9.10
8569	Weisse XIX, 1205. .	8.8	48 0.38	68.7	2	3.263	− 9 7	. .	.	9.10
8570	Weisse XIX, 1208. .	8.2	48 3.80	68.7	2	3.263	− 9 6 58.2	65.4	2	9.11
8571	B. A. C. 6831 . . .	6.0	19 48 18.90	61.8	4	+ 3.588	− 23 25 55.2	58.8	6	+ 9.13
8572	Lacaille 8271 . . .	6.0	48 20.02	62.7	2	4.016	− 38 25 28.3	68.0	3	9.13
8573	b Sagittarii	5.0*	48 21.01	60.0	3	3.693	− 27 32 14.6	67.8	2	9.13
8574	Anonymous . . .	8.5	48 22.50	69.6	2	3.568	− 22 44 9.8	72.7	2	9.13
8575	β Aquilæ	4.0*	48 26.14	53.0	287	2.946	+ 6 3 40.2	49.8	100	9.14
8576	O. Arg. S. 20086 . .	8.8	19 48 37.74	64.1	2	+ 3.638	− 25 27 25.0	67.2	2	+ 9.15
8577	O. Arg. S. 20090 . .	7.8	48 43.20	66.6	2	3.667	− 26 35 19.4	63.6	2	9.16
8578	O. Arg. S. 20096 . .	8.0	48 48.27	68.6	2	3.435	− 16 58 59.3	63.7	3	9.17
8579	O. Arg. S. 20095 . .	8.3	48 49.70	66.7	2	3.637	− 25 25 31.7	67.7	1	9.17
8580	Anonymous . . .	9.5	48 49.85	68.8	1	3.701	− 27 53 19.9	68.7	1	9.17
8581	O. Arg. S. 20100 . .	9.2	19 48 58.04	68.7	2	+ 3.701	− 27 53 12.6	66.0	3	+ 9.18
8582	Lacaille 8278 . . .	6.5	48 58.88	63.6	3	3.970	− 37 3 22.9	69.2	2	9.18
8583	O. Arg. S. 20101 . .	8.0	48 59.55	66.2	2	3.640	− 25 32 46.9	68.7	3	9.18
8584	Weisse XIX, 1236. .	9.0	49 25.09	65.8	2	3.039	+ 1 36 1.1	67.7	2	9.22
8585	Anonymous . . .	9.0	49 27.06	62.6	2	3.445	− 17 27 17.6	56.6	3	9.22
8586	Anonymous		19 49 37.24	47.7	1	+ 3.377	− 14 23 49.2	47.7	1	+ 9.23
8587	Lalande 38039 . . .	6.5	49 41.44	68.8	2	2.190	+ 36 37 43.4	48.6	1	9.24
8588	Lalande 38037 . . .	7.2	49 44.03	68.6	2	2.255	+ 34 31 58.4	47.7	1	9.24
8589	Dorpat 2601, (1st *) .	8.3	49 45.28	65.8	4	3.040	+ 1 33 3.9	67.7	4	9.24
8590	Dorpat 2601, (2d *) .	9.0	49 45.41	69.7	2	3.040	+ 1 32 59.7	67.8	1	9.24

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			″	° ′ ″			″
8591	*g* Sagittarii	5.5*	19 50 0.41	57.7	3	+ 3.409	− 15 51 34.8	64.7	3	+ 9.26
8592	B. A. C. 6841 . . .	6.5	50 7.54	64.2	3	3.782	− 30 54 34.8	57.0	8	9.27
8593	O. Arg. S. 20113 . .	8.8	50 7.58	65.7	2	3.480	− 18 59 26.7	68.2	2	9.27
8594	O. Arg. S. 20111 . .	8.0	50 8.21	69.6	1	3.730	− 29 1 34.0	67.7	2	9.27
8595	O. Arg. S. 20116 . .	7.4	50 15.72	68.7	2	3.566	− 22 37 27.5	56.7	2	9.27
8596	A Sagittarii	5.4	19 50 25.07	61.4	8	+ 3.665	− 26 34 15.9	63.8	4	+ 9.29
8597	Lacaille 8287 . . .	7.0	50 25.87	63.0	3	3.989	− 37 44 59.2	62.7	2	9.29
8598	O. Arg. S. 20123 . .	9.0	50 33.55	69.6	2	3.692	− 27 37 10.7	64.1	2	9.30
8599	Weisse XIX, 1259. .	9.0*	50 33.69	47.8	1	3.376	− 14 22 59.6	47.7	1	9.30
8600	O. Arg. S. 20124 . .	8.0	50 35.05	68.7	1	3.636	− 25 28 0.5	68.2	2	9.30
8601	B. A. C. 6844 . . .	6.0	19 50 41.67	66.1	2	+ 4.192	− 43 25 13.3	69.2	2	+ 9.31
8602	O. Arg. S. 20126 . .	8.2	50 45.08	68.7	2	3.566	− 22 38 20.7	56.7	2	9.32
8603	22 Cygni	5.0*	50 51.66	46.9	3	2.143	+ 38 7 0.2	47.0	4	9.33
8604	Lacaille 8293 . . .	5.5	50 57.83	68.6	2	3.999	− 38 4 42.8	66.2	2	9.34
8605	*η* Cygni	5.0*	51 3.26	55.6	2	2.252	+ 34 42 48.2	53.6	5	9.34
8606	B. A. C. 6850 . . .	6.8	19 51 16.14	62.7	3	+ 3.564	− 22 35 14.9	56.4	6	+ 9.36
8607	Lacaille 8296 . . .	5.7	51 18.51	62.5	5	3.872	− 34 4 13.5	66.6	2	9.36
8608	Lacaille 8302 . . .	6.8	51 44.73	66.1	2	3.826	− 32 33 14.0	68.2	2	9.40
8609	Lacaille 8300 . . .	6.7	51 50.88	62.7	4	4.027	− 38 57 49.9	66.7	2	9.40
8610	Lacaille 8298 . . .	7.0	51 51.49	62.6	3	4.030	− 39 3 10.9	66.7	2	9.41
8611	B. A. C. 6855 . . .	6.0	19 51 51.91	48.7	1	+ 2.731	+ 16 7 9.0	69.1	2	+ 9.41
8612	B. A. C. 6854 . . .	6.8	51 55.76	61.7	7	3.725	− 28 57 55.6	59.4	11	9.41
8613	Anonymous. . . .	9.0	52 17.53	67.2	2	3.578	− 23 12 57.1	68.8	2	9.43
8614	B. A. C. 6857 . . .	6.0	52 22.16	47.4	1	2.082	+ 39 59 35.1	68.7	2	9.44
8615	B. A. C. 6861 . . .	6.0*	52 26.23	59.6	3	0.991	+ 60 27 10.5	53.6	4	9.45
8616	O. Arg. S. 20145 . .	8.0	19 52 29.10	67.2	2	+ 3.573	− 23 0 59.5	70.7	4	+ 9.45
8617	*ζ* Sagittæ	4.5*	52 31.74	48.5	1	2.663	+ 19 6 51.5	69.8	3	9.45
8618	Weisse (2) XIX, 1729.	7.5	52 40.39	69.6	1	2.119	+ 38 57 48.4	67.8	1	9.47
8619	Lalande 38175 . . .	6.9	52 48.82	68.7	2	2.160	+ 37 44 43.3	47.7	2	9.48
8620	B. A. C. 6864 . . .	6.4	53 4.39	63.3	7	3.575	− 23 7 6.5	66.8	3	9.50
8621	Anonymous . . .	8.0	19 53 8.56	64.6	2	+ 2.936	+ 6 33 47.2	68.7	3	+ 9.50
8622	Weisse XIX, 1319. .	7.6	53 15.12	55.7	9	3.373	+ 14 19 18.5	53.4	9	9.51
8623	Weisse XIX, 1320. .	9.3	53 16.31	66.3	2	3.373	− 14 20 9.0	68.7	2	9.51
8624	Anonymous . . .	8.0	53 21.02	68.8	1	3.559	− 22 29 30.2	56.7	2	9.52
8625	B. A. C. 6869 . . .	6.5	53 24.63	68.8	2	0.622	+ 64 20 56.7	63.1	2	9.52
8626	O. Arg. S. 20156 . .	8.0	19 53 28.38	60.7	3	+ 3.708	− 28 22 48.5	58.6	2	+ 9.53
8627	Lalande 38140 . . .	7.5	53 30.97	60.7	2	3.437	− 17 14 54.9	59.5	6	9.53
8628	Lalande 38202, (1st *).	6.0	53 31.37	68.7	3	2.162	+ 37 43 38.8	48.1	2	9.53
8629	Lalande 38202, (2d *).	6.5	53 31.62	68.7	1	2.162	+ 37 43 38.8	48.1	2	9.53
8630	Lacaille 8307 . . .	7.0	53 34.10	63.6	2	4.181	− 43 18 29.3	69.7	2	9.54

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			h. m. s.			"	° ′ ″			"
8631	13 Sagittæ	6.0*	19 53 43.93	59.6	3	+ 2.710	+ 17 8 10.1	54.1	6	+ 9.55
8632	Lalande 38164 . . .	8.0	53 53.68	60.6	2	3.488	— 19 28 57.1	66.2	2	9.56
8633	*c* Sagittarii	4.0	54 2.64	61.6	14	3.699	— 28 5 44.0	61.2	4	9.57
8634	63 Sagittarii	6.0*	54 7.86	57.5	2	3.365	— 14 1 17.7	68.7	2	9.58
8635	Lacaille 8309 . . .	6.2	54 12.61	66.7	2	4.031	— 39 14 13.4	63.6	2	9.59
8636	B. A. C. 6872 . . .	5.0	19 54 14.80	61.5	5	+ 4.000	— 38 19 27.7	69.7	4	+ 9.59
8637	Lacaille 8313 . . .	6.5	54 19.72	63.0	3	3.956	— 36 58 58.5	68.2	2	9.60
8638	Lacaille 8312 . . .	6.6	54 19.76	63.2	4	3.986	— 37 54 43.3	69.2	2	9.60
8639	Anonymous . . .	8.4	54 33.62	68.7	2	2.252	+ 34 55 44.0	47.6	1	9.61
8640	Anonymous . . .	7.3	54 40.18	68.7	1	2.253	+ 34 54 53.4	47.6	1	9.62
8641	Dorpat 2612, (1st *) .	8.1	19 54 32.20	65.2	4	+ 2.937	+ 6 33 52.3	66.7	2	+ 9.61
8642	Lacaille 8317 . . .	6.8	54 32.82	62.7	3	3.939	— 36 26 46.5	72.7	2	9.61
8643	Dorpat 2612, (2d *) .	9.2	54 34.18	65.2	4	2.937	+ 6 34 15.2	66.7	2	9.61
8644	Lacaille 8318 . . .	7.1	54 44.42	62.7	2	3.997	— 38 15 1.5	70.7	3	9.63
8645	O. Arg. S. 20175 . .	8.6	54 44.75	69.1	2	3.466	— 18 33 30.4	62.6	2	9.63
8646	Dorpat 2613, (1st *) .	8.0	19 54 45.95	65.1	6	+ 2.857	+ 10 21 52.5	65.7	2	+ 9.63
8647	Dorpat 2613, (2d *) .	8.3	54 46.01	65.1	6	2.857	+ 10 21 47.7	65.7	2	9.63
8648	25 Cygni	5.5*	54 47.08	47.5	3	2.199	+ 36 39 40.4	48.6	1	9.63
8649	O. Arg. S. 20180 . .	7.8	55 8.65	67.0	3	3.468	— 18 37 46.6	62.6	2	9.66
8650	15 Vulpeculæ	5.0*	55 20.02	47.5	1	2.466	+ 27 22 10.5	69.6	2	9.67
8651	B. A. C. 6878 . . .	6.5	19 55 26.21	63.7	5	+ 3.569	— 22 59 5.7	64.2	4	+ 9.68
8652	B. A. C. 6877 . . .	5.5	55 26.49	61.5	8	3.816	— 32 26 43.0	68.2	2	9.68
8653	Anonymous . . .	9.0	55 30.04	69.6	2	2.216	+ 36 11	. .	.	9.69
8654	Weisse XIX, 1394. .	7.1	55 30.31	64.9	3	2.858	+ 10 21 10.4	66.7	2	9.69
8655	O. Arg. S. 20185 . .	9.0	55 31.23	60.7	3	3.705	— 28 24 31.3	58.6	3	9.69
8656	Lalande 38283, (1st *).	8.5	19 55 32.31	69.6	2	+ 2.216	+ 36 11 14.6	47.6	2	+ 9.69
8657	Lalande 38283, (2d *) .	7.5	55 34.46	69.6	2	2.215	+ 36 12 19.2	47.7	3	9.69
8658	O. Arg. S. 20192 . .	8.0	55 46.49	65.2	2	3.661	— 26 43 0.1	62.7	2	9.70
8659	B. A. C. 6882 . . .	6.0	55 48.85	69.6	3	2.541	+ 24 24 50.6	53.5	3	9.71
8660	O. Arg. S. 20194 . .	7.2	55 49.38	68.7	2	3.698	— 28 8 9.5	63.7	2	9.71
8661	16 Vulpeculæ	6.0*	19 56 5.11	56.0	3	+ 2.538	+ 24 32 53.4	63.6	4	+ 9.73
8662	Lacaille 8326 . . .	6.6	56 5.93	63.7	3	3.946	— 36 46 10.1	71.2	4	9.73
8663	Anonymous . . .	6.8	56 6.76	69.0	3	2.202	+ 36 42 37.9	48.6	1	9.74
8664	Dorpat 2615 . . .	7.6	56 7.05	68.0	3	2.908	+ 8 0 33.0	67.8	2	9.73
8665	O. Arg. S. 20200 . .	7.1	56 8.36	68.8	2	3.558	— 22 34 42.2	56.7	2	9.74
8666	Anonymous . . .	6.2	19 56 15.74	47.5	1	+ 2.201	+ 36 42 41.7	69.7	2	+ 9.74
8667	B. A. C. 6886 . . .	6.0*	56 35.86	61.2	2	3.842	— 33 23 32.9	65.5	3	9.77
8668	B. A. C. 6887 . . .	7.1	56 38.18	63.2	4	3.732	— 29 28 5.4	59.7	7	9.77
8669	Weisse XIX, 1421. .	8.0	56 38.94	69.6	3	2.909	+ 7 56 23.6	67.7	2	9.77
8670	B. A. C. 6888 . . .	6.9	56 39.16	61.7	10	3.672	— 27 12 20.2	58.7	3	9.77

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8671	O. Arg. S. 20212 . .	8.5	19 56 56.18	60.6	2	+ 3.478	− 19 9 50.9	59.1	7	+ 9.79
8672	62 Aquilæ	5.5	57 10.26	59.0	2	3.094	− 1 5 49.2	68.3	2	9.81
8673	τ Aquilæ	5.5*	57 17.99	64.2	17	2.931	+ 6 53 8.3	60.1	5	9.82
8674	64 Sagittarii	5.0*	57 21.17	69.6	1	3.320	− 11 59 31.5	68.7	2	9.83
8675	O. Arg. S. 20217 . .	7.5	57 23.76	61.2	4	3.423	− 16 45 59.5	59.9	9	9.83
8676	Weisse (2) XIX, 1888 .	7.2	19 57 37.06	59.6	2	+ 2.731	+ 16 19 5.8	53.8	2	+ 9.85
8677	O. Arg. S. 20222 . .	8.4	57 37.13	68.6	2	3.732	− 29 32 27.1	55.7	3	9.85
8678	Lacaille 8340 . . .	7.0	58 13.81	69.7	2	3.915	− 35 55 44.1	69.4	4	9.90
8679	O. Arg. S. 20234 . .	7.0	58 21.10	60.6	2	3.680	− 27 37 14.6	63.2	2	9.90
8680	Lacaille 8341 . . .	6.8	58 28.68	68.8	2	3.918	− 36 3 14.7	68.6	2	9.92
8681	B. A. C. 6899 . . .	6.5	19 58 40.95	61.1	9	+ 3.746	− 30 7 15.1	57.7	7	+ 9.93
8682	η Sagittæ	5.5*	58 56.89	47.4	4	2.659	+ 19 35 30.7	68.7	2	9.95
8683	Anonymous . . .	8.3	58 59.31	69.3	3	4.019	− 39 12 5.0	67.7	2	9.95
8684	Anonymous . . .	8.3	59 12.29	69.2	2	2.210	+ 36 36 8.3	48.7	1	9.97
8685	O. Arg. S. 20246 . .	7.4	59 18.23	67.1	2	3.596	− 24 16 53.6	65.2	6	9.98
8686	Anonymous . . .	8.5	19 59 40.87	70.1	2	+ 4.015	− 39 7 30.2	65.7	2	+ 10.02
8687	Anonymous	9.0	59 42.80	67.3	2	3.455	− 18 18 39.5	66.8	2	10.02
8688	Anonymous . . .	8.4	59 58.66	68.7	2	3.411	− 16 18 52.1	66.7	2	10.02
8689	Anonymous . . .	6.5	20 0 3.62	68.8	2	2.165	+ 38 4 34.3	47.6	1	10.03
8690	B. A. C. 6903 . . .	7.0*	0 7.42	59.6	2	3.475	− 19 12 20.0	56.3	10	10.04
8691	Lacaille 8354 . . .	7.0	20 0 26.14	61.8	1	+ 3.860	− 34 16 43.0	66.7	3	+ 10.06
8692	B. A. C. 6906 . . .	7.0	0 34.90	60.0	5	3.652	− 26 37 31.6	55.9	5	10.07
8693	B. A. C. 6907 . . .	7.0	0 34.97	59.7	2	3.391	− 15 25 48.7	67.7	2	10.07
8694	B. A. C. 6908 . . .	7.0*	0 40.52	59.6	2	3.709	− 28 50 35.7	54.2	4	10.08
8695	Weisse XIX, 1512. .	7.0	0 43.77	65.2	2	3.374	− 14 39 26.1	54.8	2	10.08
8696	64 Aquilæ	6.0*	20 0 48.18	45.6	1	+ 3.094	− 1 4 40.7	64.7	3	+ 10.09
8697	17 Vulpeculæ	5.5*	0 52.41	59.6	2	2.576	+ 23 12 46.9	53.6	4	10.09
8698	Anonymous . . .	9.2	1 9.16	65.2	2	3.410	− 16 20 0.7	68.7	1	10.11
8699	b^1 Cygni	6.0	1 9.64	68.7	2	2.246	+ 35 35 24.9	46.7	1	10.11
8700	Anonymous . . .	8.4	1 10.68	68.7	2	3.488	− 19 49 7.9	55.7	2	10.11
8701	Lalande 38564 . . .	6.8	20 1 23.82	68.7	2	+ 2.148	+ 38 41 46.9	48.6	1	+ 10.13
8702	O. Arg. S. 20274 . .	7.4	1 38.04	68.7	2	3.464	− 18 45 9.0	57.4	3	10.15
8703	B. A. C. 6920 . . .	7.0*	1 40.08	60.7	2	3.627	− 25 41 25.5	63.6	3	10.15
8704	O. Arg. S. 20276 . .	8.1	1 40.95	68.7	3	3.536	− 21 55 44.7	67.0	3	10.16
8705	B. A. C. 6922 . . .	5.5	1 59.54	60.7	5	3.923	− 36 27 11.2	68.7	2	10.18
8706	Lacaille 8365 . . .	7.0	20 2 2.30	65.6	2	+ 3.812	− 32 43 52.5	67.6	3	+ 10.18
8707	B. A. C. 6923 . . .	7.0	2 18.35	68.7	2	3.486	− 19 47 14.3	55.3	5	10.20
8708	Lalande 38592 . . .	6.8	2 19.87	69.1	2	2.295	+ 34 1 8.0	48.6	1	10.20
8709	O. Arg. S. 20286 . .	8.5	3 0.21	65.1	2	3.676	− 27 44 18.9	67.8	2	10.26
8710	O. Arg. S. 20287 . .	7.8	3 5.97	69.0	3	3.599	− 24 38 11.8	64.3	3	10.26

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			h. m. s.			"	° ′ ″			"
8711	Anonymous . . .	7.2	20 3 13.28	68.8	2	+ 2.184	+ 37 43 27.2	47.7	2	+ 10.27
8712	O. Arg. S. 20294 . .	9.0	3 14.40	65.7	6	3.450	— 18 13 53.0	65.6	3	10.27
8713	Anonymous . . .	7.1	3 15.99	68.7	3	2.184	+ 37 43 55.4	47.7	2	10.28
8714	66 Draconis	5.0*	3 18.94	59.7	2	0.950	+ 61 35 23.2	53.7	3	10.28
8715	Anonymous . . .	. .	3 26.79	47.8	1	3.363	— 14 12 34.5	47.8	1	10.29
8716	Weisse XX, 46. . .	7.0	20 3 34.38	69.6	2	+ 3.259	— 9 15 12.1	66.3	3	+ 10.30
8717	O. Arg. S. 20299 . .	9.0	3 37.95	69.6	1	3.599	— 24 41 24.0	63.7	2	10.30
8718	Anonymous . . .	7.8	3 39.80	66.9	4	+ 3.362	— 14 11 32.3	57.3	4	10.30
8719	λ Ursæ Minoris . . .	5.0	3 54. . .	.		—56.104	+ 88 53 24.6	55.7	117	10.32
8720	θ Aquilæ	4.5	4 4.75	46.5	18	+ 3.097	— 1 14 2.6	68.2	2	10.33
8721	ξ^1 Capricorni	6.0	20 4 12.02	45.4	1	+ 3.332	— 12 48 18.9	68.3	2	+ 10.34
8722	b^2 Cygni	5.0	4 13.78	69.6	2	2.227	+ 36 25 45.8	53.3	8	10.35
8723	Lacaille 8369 . . .	6.5	4 16.70	69.1	2	3.995	— 38 51 86.5	62.7	2	10.35
6724	O. Arg. S. 20309 . .	8.1	4 22.96	66.2	2	3.611	— 25 13 9.4	66.8	2	10.36
8725	Anonymous . . .	9.0	4 23.13	69.2	4	3.360	— 14 6 26.5	69.7	4	10.36
8726	O. Arg. S. 20311 . .	7.2	20 4 35.81	67.6	2	+ 3.567	— 23 24 0.3	59.8	2	+ 10.37
8727	18 Vulpeculæ	6.0	4 42.94	45.6	2	2.502	+ 26 29 29.1	68.3	2	10.38
8728	Lacaille 8373 . . .	6.5	4 43.01	65.2	2	3.859	— 34 32 5.2	63.7	1	10.38
8729	Anonymous . . .	9.0	4 46.93	69.2	2	3.359	— 14 5 25.4	47.8	2	10.39
8730	Lalande 38708 . . .	7.5	4 48.45	69.7	1	2.155	+ 38 43 36.1	48.5	1	10.39
8731	B. A, C. 6941 . . .	7.0*	20 4 53.72	59.6	2	+ 2.639	+ 20 43 12.7	54.4	5	+ 10.40
8732	Weisse XX, 81. . .	7.8	4 57.51	64.8	4	3.361	— 14 12 23.9	66.2	4	10.40
8733	O. Arg. S. 20316 . .	8.5	5 5.26	60.6	2	3.666	— 27 28 12.8	68.3	2	10.41
8734	O. Arg. S. 20320 . .	7.8	5 16.32	65.7	5	3.428	— 17 17 48.6	65.6	1	10.42
8735	Anonymous . . .	9.0	5 20.41	68.7	1	3.359	— 14 5 44.3	69.7	3	10.43
8736	Anonymous . . .	. .	20 5 21.28	67.8	2	+ 3.427	— 17 19 5.3	68.7	2	+ 10.43
8737	Weisse XX, 104 . .	7.3	5 28.24	63.7	4	3.140	— 3 24 44.3	65.7	2	10.44
8738	Weisse XX, 101 . .	8.8	5 30.38	69.3	3	3.359	— 14 5 49.5	47.8	2	10.44
8739	O. Arg. S. 20322 . .	8.5	5 31.17	65.7	2	3.396	— 15 50 21.5	65.0	3	10.44
8740	Anonymous . . .	8.4	5 55.16	64.2	2	2.738	+ 16 18 44.5	68.8	2	10.46
8741	Weisse (2) XX, 206 .	7.4	20 5 55.95	68.8	2	+ 2.642	+ 20 39 9.3	67.8	1	+ 10.46
8742	19 Vulpeculæ	6.0	5 56.83	45.6	2	2.506	+ 26 23 38.2	72.7	2	10.46
8743	Weisse XX, 122 . .	8.5	6 19.78	65.4	4	3.357	— 14 3 24.6	69.7	1	10.50
8744	B. A. C. 6947 . . .	6.2	6 33.32	63.7	4	3.663	— 27 26 50.2	63.6	2	10.52
8745	Anonymous . . .	6.8	6 33.94	68.7	2	2.168	+ 38 27 48.5	47.6	2	10.52
8746	O. Arg. S. 20337 . .	8.5	20 6 40.38	61.8	2	+ 3.393	— 15 45 17.3	66.7	1	+ 10.53
8747	Anonymous . . .	. .	6 41.89	69.6	2	2.174	+ 38 15 58.7	67.7	2	10.53
8748	Anonymous . . .	7.5	6 47.93	69.2	2	2.174	+ 38 17 1.6	67.7	2	10.54
8749	O. Arg. S. 20339 . .	9.0	6 48.24	65.7	2	3.394	— 15 46 25.3	69.2	2	10.54
8750	Anonymous . . .	9.5	6 59.98	64.6	2	2.642	+ 20 43 39.5	62.2	2	10.55

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
8751	B. A. C. 6949 . . .	7.4	20 7 7.08	65.8	4	+ 3.299	− 11 18 41.0	68.7	2	+ 10.56
8752	B. A. C. 6948 . . .	6.6	7 8.31	61.7	8	3.740	− 30 25 44.4	61.8	2	10.56
8753	Anonymous . . .	9.0	7 13.82	68.8	2	3.593	− 24 37 5.5	66.6	2	10.57
8754	O. Arg. S. 20343 . .	7.0	7 14.60	69.1	2	3.425	− 17 16 21.6	66.2	2	10.57
8755	Lacaille 8385 . . .	6.0	7 16.37	63.3	3	3.924	− 36 52 38.7	63.8	2	10.57
8756	Weisse XX, 145 . .	6.8	20 7 18.53	68.8	2	+ 3.351	− 13 48 20.0	47.8	1	+ 10.58
8757	Lacaille 8387 . . .	6.0	7 24.56	63.0	3	3.886	− 35 37 30.8	64.7	2	10.58
8758	Anonymous . . .	8.3	7 40.16	59.6	3	2.740	+ 16 18 18.5	53.8	2	10.60
8759	ρ Aquilæ	5.5	7 47.87	46.2	3	2.773	+ 14 46 24.5	69.2	2	10.61
8760	Anonymous . . .	7.5	7 50.84	69.6	2	4.005	− 39 25 36.1	66.7	2	10.62
8761	Anonymous . . .	. .	20 7 50.98	65.7	4	+ 3.583	− 24 15 33.1	64.0	5	+ 10.62
8762	Gr. 12-year Cat. 1809 .	8.8	8 0.62	59.6	2	2.740	+ 16 19 25.7	53.8	3	10.63
8763	Lacaille 8394 . . .	8.0	8 14.32	67.6	3	3.770	− 31 37 54.9	63.7	2	10.65
8764	Weisse (2) XX, 304 .	6.8	8 17.62	69.2	4	2.176	+ 38 20 40.0	47.9	3	10.65
8765	Weisse (2) XX, 306 .	7.8	8 18.45	69.3	3	2.175	+ 38 24	. .	.	10.65
8766	O. Arg. S. 20358 . .	8.5	20 8 23.22	66.7	3	+ 3.424	− 17 17 12.0	66.6	2	+ 10.66
8767	Anonymous . . .	8.4	8 28.78	69.1	2	2.174	+ 38 25 0.9	48.6	1	10.66
8768	Gr. 12-year Cat. 1810 .	8.5	8 29.68	64.4	4	2.740	− 16 21 0.3	53.8	4	10.66
8769	3 Capricorni	5.5	8 37.50	69.6	2	3.328	− 12 45 43.8	45.6	1	10.68
8770	Anonymous . . .	9.0	8 40.29	68.8	1	3.354	− 13 59 17.9	47.8	1	10.68
8771	Anonymous . . .	8.8	20 8 46.60	64.4	4	+ 2.741	+ 16 19 28.6	53.8	2	+ 10.68
8772	Weisse (2) XX, 329 .	6.5	8 51.64	68.7	2	2.164	+ 38 44 6.5	46.6	1	10.69
8773	O. Arg. N. 20223 . .	8.0	8 59.	. .	.	1.782	+ 48 45 58.5	60.7	2	10.70
8774	O. Arg. S. 20366 . .	7.5	9 10.06	62.0	4	3.426	− 17 24 21.4	64.6	4	10.71
8775	α^2 Cygni	4.0*	9 13.47	69.7	2	1.889	+ 46 19 4.9	57.7	2	10.72
8776	β^3 Cygni	5.5	20 9 17.51	62.7	3	+ 2.240	+ 36 22 45.5	56.5	7	+ 10.72
8777	B. A. C. 6969 . . .	6.2	9 25.	. .	.	2.222	+ 36 19 39.2	64.3	3	10.73
8778	Anonymous . . .	9.0	9 32.44	67.7	2	3.585	− 24 22 36.5	68.7	2	10.74
8779	O. Arg. S. 20370 . .	8.9	9 44.51	63.3	3	3.609	− 25 26 34.2	66.7	2	10.76
8780	α^1 Capricorni	4.0*	9 53.15	55.5	27	3.331	− 12 56 16.4	53.7	38	10.77
8781	23 Vulpeculæ	4.5*	20 9 58.02	59.6	2	+ 2.488	+ 27 23 11.9	53.5	3	+ 10.77
8782	O. Arg. S. 20378 . .	7.4	9 58.07	61.8	2	3.454	− 18 41 37.9	66.7	2	10.77
8783	33 Cygni	4.5*	10 8.43	62.7	1	1.392	+ 56 8 24.7	61.4	4	10.78
8784	Anonymous . . .	9.2	10 13.12	64.2	2	2.743	+ 16 17	. .	.	10.79
8785	α^2 Capricorni	3.0*	10 17.01	54.9	253	3.332	− 12 58 33.1	51.5	103	10.79
8786	Lacaille 8399 . . .	7.2	20 10 19.67	61.7	3	+ 3.808	− 33 9 51.3	65.6	2	+ 10.80
8787	Rumker 8156 . . .	7.6	10 32.53	68.8	2	2.742	+ 16 20 11.3	57.2	4	10.82
8788	O. Arg. S. 20384 . .	7.0	10 34.59	68.7	2	3.581	− 24 19 36.5	64.3	6	10.82
8789	B. A. C. 6978 . . .	6.8	10 38.24	68.8	2	2.490	+ 27 20 48.7	53.6	6	10.82
8790	O. Arg. S. 20388 . .	7.5	10 42.94	61.8	2	3.444	− 18 17 23.0	66.7	2	10.83

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			h. m. s.			"	° ′ ″			"
8791	B. A. C. 6977	7.0	20 10 43.86	59.7	2	+ 3.723	− 30 3 26.8	56.7	6	+ 10.83
8792	Weisse (2) XX, 398	6.5	10 58.21	69.1	2	2.178	+ 38 28 14.0	47.6	4	10.85
8793	Lacaille 8403	6.3	11 7.73	69.6	2	3.803	− 33 3 4.8	63.8	2	10.86
8794	Weisse (2) XX, 412	6.1	11 14.65	68.7	2	2.237	+ 36 37 35.4	46.7	1	10.87
8795	Lacaille 8404	6.1	11 15.74	63.0	3	3.859	− 35 1 8.7	67.3	2	10.87
8796	O. Arg. S. 20393	8.9	20 11 17.11	63.3	3	+ 3.598	− 25 5 58.2	67.3	2	+ 10.87
8797	σ Capricorni	6.0	11 18.66	62.2	9	3.471	− 19 33 8.7	57.4	8	10.87
8798	Anonymous	8.8	11 18.86	68.8	2	3.471	− 19 34 5.7	55.8	1	10.87
8799	B. A. C. 6982	7.0	11 22.15	63.0	4	3.611	− 25 39 28.0	57.2	9	10.88
8800	O. Arg. S. 20398	8.0	11 37.04	69.1	2	3.709	− 29 33 59.8	65.0	3	10.89
8801	O. Arg. S. 20404	7.8	20 11 48.76	69.3	3	+ 3.710	− 29 37 39.9	67.7	2	+ 10.91
8802	Lacaille 8406	6.5	11 48.97	62.7	2	3.890	− 36 6 42.9	67.3	2	10.91
8803	B. A. C. 6984	6.9	11 50.06	69.3	3	3.710	− 29 38 1.5	66.4	3	10.91
8804	Weisse XX, 268	9.0*	11 57.32	47.8	2	3.349	− 13 53 21.1	47.8	3	10.92
8805	O. Arg. S. 20406	7.8	12 2.16	69.1	2	3.610	− 25 38 50.8	58.7	2	10.92
8806	Lacaille 8414	7.0	20 12 21.41	63.7	3	+ 3.578	− 24 19 32.6	64.7	4	+ 10.95
8807	B. A. C. 6987	6.0	12 22.07	69.1	2	3.482	− 20 4 57.6	57.6	2	10.95
8808	Weisse XX, 284	9.0	12 36.68	69.7	2	3.347	− 13 47 19.0	47.8	2	10.97
8809	34 Cygni	5.2	12 37.61	68.7	2	2.210	+ 37 35 58.2	47.5	1	10.97
8810	Anonymous	..	12 46.	. .	.	3.469	− 19 32 17.2	61.7	2	10.98
8811	B. A. C. 6992	6.5	20 12 54.37	63.5	2	+ 3.376	− 15 13 22.7	65.7	2	+ 10.99
8812	Weisse XX, 296	8.8	12 55.17	68.8	2	3.353	− 14 6 1.9	47.8	2	10.99
8813	B. A. C. 6989	6.3	12 56.47	62.7	2	4.096	− 42 29 10.6	67.3	2	10.99
8814	O. Arg. S. 20423	7.7	12 57.09	64.2	7	3.420	− 17 16 2.1	65.6	2	10.99
8815	β Capricorni	3.5*	13 8.49	53.7	22	3.376	− 15 13 13.6	55.8	5	11.01
8816	O. Arg. S. 20429	7.5	20 13 11.87	62.7	5	+ 3.568	− 23 55 0.8	58.7	8	+ 11.01
8817	Anonymous	8.4	13 28.30	68.7	2	+ 3.468	− 19 30 55.5	55.8	3	11.03
8818	κ Cephei, (1st *)	..	13 32.28	66.0	2	− 1.877	+ 77 17 15.7	63.6	7	11.04
8819	κ Cephei, (2d *)	..	13 33.87	69.6	1	− 1.877	+ 77 17 13.1	63.8	2	11.04
8820	Anonymous	6.2	13 42.59	68.7	2	+ 2.205	+ 37 50 36.1	48.6	1	11.05
8821	B. A. C. 7001	7.0	20 13 51.69	68.7	2	+ 2.183	+ 38 34 3.4	47.7	5	+ 11.06
8822	Lacaille 8418	6.5	13 59.32	62.9	4	3.877	− 35 49 13.1	66.8	2	11.07
8823	Anonymous	7.6	14 13.75	64.3	2	3.809	− 33 29 32.1	65.2	2	11.09
8824	O. Arg. S. 20442	7.6	14 18.91	65.7	5	3.393	− 16 4 1.2	65.6	3	11.09
8825	O. Arg. S. 20439	7.8	14 19.60	65.6	2	3.705	− 29 35 42.7	66.7	2	11.09
8826	O. Arg. S. 20443	8.3	20 14 23.30	64.0	3	+ 3.540	− 22 47 15.3	65.2	2	+ 11.10
8827	B. A. C. 7006	8.2	14 33.96	68.7	2	2.242	+ 36 41 36.4	47.7	2	11.11
8828	Anonymous	8.2	14 40.27	68.7	2	3.601	− 25 25 55.1	63.7	1	11.12
8829	Anonymous	9.0	14 43.66	65.7	4	3.393	− 16 4 59.7	67.7	2	11.12
8830	Lacaille 8421	6.9	14 45.39	62.4	6	3.868	− 35 34 30.2	64.8	2	11.12

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			h. m. s.			"	° ′ ″			"
8831	Anonymous . . .	9.0	20 14 48.67	68.8	2	+ 3.589	− 24 56 16.8	63.2	2	+ 11.13
8832	Anonymous . . .	8.9	14 53.17	68.7	2	3.343	− 13 40 30.6	47.8	2	11.14
8833	Anonymous . . .	9.0	14 53.75	68.7	2	3.505	− 21 17 23.6	56.7	2	11.14
8834	Weisse XX, 359 . .	9.0	15 15.87	68.7	2	3.342	− 13 39 29.4	47.8	1	11.16
8835	O. Arg. S. 20458 . .	8.5	15 33.40	60.6	2	3.580	− 24 36 35.0	58.7	2	11.18
8836	Anonymous . . .	9.2	20 15 52.42	69.1	2	+ 3.458	− 19 10 35.7	55.8	2	+ 11.20
8837	O. Arg. S. 20465 . .	8.2	16 2.13	60.0	3	3.564	− 23 55 23.6	57.0	5	11.22
8838	25 Vulpeculæ . . .	6.0	16 2.28	45.7	1	2.578	+ 24 0 5.7	68.3	2	11.22
8839	B. A. C. 7011 . . .	6.2	16 6.34	63.4	4	3.700	− 29 31 26.7	60.5	12	11.22
8840	Lalande 39208 . . .	7.3	16 7.10	66.7	2	3.089	− 0 53 52.9	67.8	2	11.22
8841	B. A. C. 7012 . . .	6.6	20 16 11.61	61.8	8	+ 3.619	− 26 16 52.3	63.6	3	+ 11.23
8842	B. A. C. 7014 . . .	5.5	16 14.40	58.7	2	2.977	+ 4 53 52.9	68.2	2	11.23
8843	O. Arg. S. 20469 . .	9.0	16 15.87	63.6	4	3.588	− 24 58 43.2	61.7	3	11.23
8844	Weisse XX, 387 . .	6.5	16 18.95	58.5	4	3.345	− 13 50 35.1	47.8	3	11.24
8845	O. Arg. S. 20470 . .	8.5	16 22.70	60.6	2	3.581	− 24 42 15.6	58.6	2	11.24
8846	O. Arg. S. 20473 . .	8.9	20 16 25.07	63.6	4	+ 3.588	− 24 59 30.3	61.7	3	+ 11.25
8847	Anonymous . . .	9.1	16 28.89	68.7	2	3.458	− 19 13 11.7	55.8	2	11.25
8848	B. A. C. 7018 . . .	6.2	16 52.10	61.9	5	3.688	− 29 6 51.0	56.7	7	11.28
8849	Anonymous. . . .	7.8	16 53.04	68.8	2	3.556	− 23 37 57.0	66.9	4	11.28
8850	O. Arg. S. 20482 . .	8.1	17 4.30	68.7	2	3.562	− 23 55 52.9	58.6	2	11.29
8851	Lacaille 8432 . . .	7.2	20 17 4.67	62.7	2	+ 3.820	− 34 5 11.7	66.6	2	+ 11.29
8852	ζ Cygni	3.0*	17 12.28	46.8	10	2.151	+ 39 48 36.2	65.2	4	11.30
8853	17 Draconis	5.5	17 16.16	62.7	2	1.011	+ 61 48 48.8	60.7	6	11.31
8854	B. A. C. 7021 . . .	6.9	17 21.13	61.1	6	3.635	− 27 0 28.2	53.7	2	11.31
8855	Anonymous . . .	8.9	17 22.36	64.0	3	3.523	− 22 14 4.1	68.3	2	11.31
8856	Anonymous . . .	8.5	20 17 34.86	68.8	2	+ 3.809	− 33 45 33.5	56.6	3	+ 11.33
8857	Lacaille 8439 . . .	6.8	17 37.84	68.8	2	3.782	− 32 46 56.1	65.7	2	11.33
8858	Weisse (2) XX, 641 .	8.3	17 47.50	68.7	2	2.187	+ 38 45 46.8	46.8	4	11.34
8859	B. A. C. 7025 . . .	6.0	17 48.21	62.7	5	3.929	− 37 51 9.3	67.2	2	11.34
8860	Weisse (2) XX, 643 .	7.0	17 51.07	68.7	2	2.187	+ 38 45 36.8	48.6	1	11.35
8861	B. A. C. 7026 . . .	6.6	20 17 56.96	63.2	6	+ 3.696	− 29 31 31.6	63.7	9	+ 11.36
8862	Lalande 39247 . . .	7.8	18 12.54	59.7	2	3.376	− 15 26 0.4	55.7	6	11.38
8863	39 Cygni	5.0*	18 16.17	59.6	2	2.391	+ 31 44 23.5	53.5	3	11.38
8864	O. Arg. S. 20501 . .	8.6	18 41.99	68.8	3	3.500	− 21 15 44.0	56.7	2	11.41
8865	O. Arg. S. 20502 . .	8.5	18 45.12	62.9	4	3.587	− 25 4 51.3	66.7	2	11.41
8866	O. Arg. S. 20503 . .	8.2	20 18 46.70	69.2	2	+ 3.539	− 23 0 39.4	62.6	2	+ 11.42
8867	B. A. C. 7030 . . .	7.1	18 53.99	62.0	3	3.688	− 29 16 12.7	60.7	4	11.42
8868	Anonymous. . . .	8.0	18 57.96	65.6	1	3.490	− 20 0 5.5	67.7	2	11.43
8869	π Capricorni . . .	5.0	19 18.24	66.8	30	3.443	− 18 40 2.6	65.2	4	11.45
8870	B. A. C. 7032 . . .	7.0	19 22.71	61.0	3	3.673	− 28 43 10.5	58.7	3	11.46

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			h. m. s.			"	° ′ ″			"
8871	B. A. C. 7033	7.0	20 19 29.65	62.1	3	+ 3.701	— 29 49 53.1	54.7	2	+ 11.47
8872	Weisse XX, 498	7.5	19 37.25	68.7	2	3.338	— 13 36 53.5	64.4	3	11.48
8873	B. A. C. 7034	6.7	19 37.36	62.7	3	3.608	— 26 3 54.9	64.4	3	11.48
8874	Lacaille 8450	6.3	19 37.47	66.2	2	3.836	— 34 52 6.7	67.3	2	11.48
8875	Weisse XX, 499	7.5	19 38.74	68.7	2	3.338	— 13 36 44.1	64.4	3	11.48
8876	B. A. C. 7036	6.3	20 19 47.12	62.7	2	+ 3.870	— 36 3 15.9	63.7	2	+ 11.49
8877	Anonymous	9.0	19 50.90	68.7	2	3.863	— 35 49 20.3	66.3	2	11.49
8878	O. Arg. S. 20521	8.5	19 53.35	60.5	3	3.548	— 23 28 22.0	54.8	7	11.50
8879	B. A. C. 7039	6.5	20 10.02	63.7	2	3.574	— 24 37 6.9	64.1	3	11.52
8880	B. A. C. 7040	6.8	20 25.92	63.3	5	3.569	— 24 26 29.5	57.5	7	11.54
8881	O. Arg. S. 20533	7.0	20 20 51.66	69.6	2	+ 3.499	— 21 21 42.4	69.6	2	+ 11.57
8882	ρ Capricorni	4.0	20 52.27	63.2	67	3.433	— 18 16 24.5	60.2	12	11.57
8883	B. A. C. 7044	7.0	21 0.70	63.3	8	3.434	— 18 19 56.3	66.8	2	11.58
8884	B. A. C. 7049	6.5	21 18.08	62.9	3	3.532	— 22 51 8.8	64.0	3	11.60
8885	O. Arg. S. 20544	7.2	21 23.38	61.9	3	3.542	— 23 18 28.8	58.7	6	11.60
8886	B. A. C. 7053	7.0	20 21 50.68	61.6	2	+ 3.448	— 19 2 47.8	58.9	8	+ 11.64
8887	o Capricorni	6.5	21 52.05	61.3	3	3.448	— 19 2 36.1	58.3	11	11.64
8888	B. A. C. 7057	6.2	22 21.93	61.9	10	3.689	— 29 34 41.8	58.1	9	11.67
8889	40 Cygni	6.0*	22 23.10	47.6	1	2.223	+ 37 58 57.1	47.7	7	11.67
8890	Weisse XX, 545	8.0*	22 29.77	47.8	2	3.333	— 13 29 32.3	47.8	3	11.68
8891	ω^1 Cygni	5.7	20 22 45.50	57.7	3	+ 1.826	+ 48 55 13.0	65.8	2	+ 11.70
8892	B. A. C. 7063	6.0	23 13.47	62.2	6	3.373	— 15 31 15.4	61.3	7	11.73
8893	Lalande 39496	6.8	23 17.42	68.7	2	2.198	+ 38 51 53.7	56.3	5	11.74
8894	Anonymous	8.0	23 19.14	68.7	2	2.197	+ 38 54 42.7	68.8	2	11.74
8895	O. Arg. S. 20570	8.2	23 25.96	59.4	2	3.531	— 22 58 19.1	57.5	4	11.75
8896	41 Cygni	5.0	20 23 40.54	46.5	5	+ 2.449	+ 29 54 12.6	59.7	2	+ 11.77
8897	O. Arg. S. 20574	9.1	23 42.07	68.7	2	3.532	— 23 1 3.9	60.4	4	11.77
8898	Anonymous	9.0	23 46.76	68.7	2	3.533	— 23 3 2.4	55.7	1	11.77
8899	O. Arg. S. 20575	8.2	23 49.14	63.7	3	3.674	— 29 4 17.9	63.6	2	11.78
8900	Anonymous	9.1	23 50.92	65.7	3	3.372	— 15 28 6.9	67.7	2	11.78
8901	O. Arg. S. 20578	7.0	20 23 58.48	63.6	5	+ 3.584	— 25 20 23.4	67.8	2	+ 11.79
8902	42 Cygni	6.0*	24 0.05	59.6	2	2.286	+ 35 59 21.0	53.6	3	11.79
8903	Lacaille 8471	6.5	24 0.22	68.7	1	4.046	— 41 59 20.3	66.6	2	11.79
8904	Lacaille 8476	7.1	24 0.68	63.7	4	3.744	— 31 51 8.8	63.7	2	11.79
8905	B. A. C. 7069	7.5	24 1.38	63.7	4	3.523	— 22 37 27.1	63.7	4	11.79
8906	B. A. C. 7070	7.8	20 24 3.55	63.7	4	+ 3.523	— 22 37 52.6	63.7	2	+ 11.79
8907	B. A. C. 7071	7.1	24 9.58	62.5	5	3.673	— 29 3 56.5	62.7	4	11.80
8908	Lacaille 8475	7.5	24 27.81	65.7	2	4.012	— 41 1 47.8	66.7	2	11.82
8909	B. A. C. 7079, (1st *)	7.0	24 30.90	66.8	3	2.866	+ 10 47 28.3	64.8	2	11.83
8910	B. A. C. 7077	6.2	24 31.86	62.1	4	3.585	— 25 24 47.6	67.8	2	11.83

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
8911	B. A. C. 7079, (2d *) .	7.0	20 24 31.87	66.8	3	+ 2.866	+ 10 47 31.9	64.8	2	+ 11.83
8912	B. A. C. 7080 . . .	6.0	24 43.65	45.7	1	3.269	− 10 19 40.4	68.2	2	11.84
8913	Weisse XX, 610 . .	7.5	24 53.66	68.7	2	3.236	− 8 40 0.7	56.7	2	11.85
8914	O. Arg. S. 20595 . .	8.9	25 9.58	67.6	2	3.372	− 15 32 58.0	65.6	3	11.87
8915	Lacaille 8485 . . .	7.0	25 14.31	61.8	3	3.688	− 29 45 57.8	66.6	2	11.88
8916	Anonymous . . .	8.2	20 25 19.24	69.1	3	+ 3.494	− 21 22 13.3	56.7	2	+ 11.88
8917	B. A. C. 7081 . . .	7.2	25 19.95	63.7	2	3.523	− 22 42 8.6	63.7	4	11.88
8918	Anonymous . . .	9.1	25 25.92	67.2	2	3.501	− 21 42 40.2	67.7	1	11.89
8919	ω^2 Cygni	4.2	25 43.32	62.8	5	1.857	+ 48 28 57.0	64.8	2	11.91
8920	Lacaille 8487 . . .	6.2	25 47.62	62.7	4	3.929	− 38 33 54.9	62.7	2	11.91
8921	O. Arg. S. 20607 . .	8.2	20 25 52.51	68.8	2	+ 3.545	− 23 43 28.2	57.7	2	+ 11.92
8922	Anonymous . . .	8.6	26 7.74	70.0	3	3.073	− 0 4 39.0	68.5	5	11.94
8923	Lacaille 8492 . . .	6.2	26 8.84	62.6	5	3.716	− 30 56 55.9	65.2	2	11.94
8924	B. A. C. 7087 . . .	5.0	26 23.96	45.6	1	3.344	− 14 11 56.8	67.8	2	11.96
8925	ϵ Delphini.	4.0	26 31.43	63.1	46	2.867	+ 10 49 48.1	64.4	3	11.97
8926	O. Arg. N. 20664 . .	7.0	20 26 33.93	59.2	4	+ 1.849	+ 48 44 33.8	67.8	2	+ 11.97
8927	O. Arg. S. 20621 . .	8.8	26 52.38	68.7	2	3.529	− 23 4 9.3	55.7	3	11.99
8928	Weisse XX, 664 . .	9.5	26 56.10	61.2	2	3.358	− 14 55 6.8	56.0	3	11.99
8929	ω^3 Cygni	5.0*	26 59.64	59.3	5	1.850	+ 48 44 57.3	53.7	3	12.00
8930	Anonymous . . .	9.0	27 11.35	69.4	3	3.074	− 0 7 51.9	70.7	2	12.01
8931	η Delphini	5.0	20 27 19.78	45.7	1	+ 2.834	+ 12 32 59.7	68.3	2	+ 12.02
8932	Anonymous . . .	8.0	27 26.20	70.4	3	2.801	+ 14 14 14.5	67.8	2	12.03
8933	B. A. C. 7093 . . .	7.0	27 27.90	61.6	10	3.623	− 27 15 13.0	57.7	7	12.03
8934	Lacaille 8497 . . .	6.4	28 23.24	62.9	4	4.023	− 41 42 31.0	63.8	2	12.10
8935	ζ Delphini	4.0	28 45.74	46.7	3	2.803	+ 14 11 36.7	67.8	2	12.12
8936	Anonymous . . .	7.9	20 29 5.28	64.2	2	+ 3.788	− 33 55 37.0	68.7	2	+ 12.15
8937	Anonymous . . .	7.0	29 6.05	68.8	2	2.259	+ 37 22 20.1	47.7	1	12.15
8938	Weisse XX, 729, (1st *)	8.3	29 10.62	68.7	2	3.322	− 13 13 7.0	47.8	1	12.15
8939	Weisse XX, 729, (2d *)	7.5	29 10.80	68.7	2	3.322	− 13 13 7.0	47.8	1	12.15
8940	B. A. C. 7112 . . .	6.0*	29 19.90	59.6	2	1.963	+ 46 12 54.1	53.6	3	12.16
8941	O. Arg. S. 20654 . .	8.3	20 29 27.73	64.7	4	+ 3.497	− 21 49 8.8	61.0	3	+ 12.17
8942	τ^1 Capricorni	6.5	29 29.96	45.7	2	3.369	− 15 37 43.9	71.2	4	12.17
8943	B. A. C. 7108 . . .	6.2	29 31.71	62.1	7	3.581	− 25 35 36.5	56.2	9	12.18
8944	B. A. C. 7111 . . .	7.1	29 32.01	63.0	13	3.521	− 22 55 40.2	58.7	7	12.18
8945	B. A. C. 7114 . . .	6.0*	29 33.13	47.6	1	2.161	+ 40 37 3.7	68.8	2	12.18
8946	Weisse XX, 743 . .	8.0	20 29 38.05	66.7	2	+ 3.035	+ 2 0 47.6	68.7	2	+ 12.18
8947	B. A. C. 7113 . . .	6.6	29 47.43	62.4	16	3.560	− 24 42 47.6	60.3	5	12.20
8948	Anonymous . . .	8.8	29 47.62	68.7	2	3.443	− 19 15 41.2	55.8	2	12.19
8949	Anonymous . . .	9.0	30 3.34	69.4	3	2.521	+ 27 26 4.5	48.6	1	12.21
8950	Anonymous . . .	8.5	30 10.82	68.7	2	3.443	− 19 16 43.3	55.8	2	12.22

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			h. m. s.			"	° ′ ″			"
8951	O. Arg. S. 20675 . .	8.5	20 30 12.43	63.7	5	+ 3.498	− 21 54 35.8	58.7	5	+ 12.22
8952	Weisse XX, 755 . .	7.5	30 16.27	69.6	2	3.288	− 11 31 3.3	68.3	2	12.24
8953	B. A. C. 7116 . . .	6.3	30 17.78	68.7	2	3.489	− 21 28 43.1	57.1	5	12.23
8954	Anonymous . . .	7.6	30 22.55	68.7	2	+ 3.778	− 33 39 48.9	65.6	2	12.24
8955	B. A. C. 7124 . . .	6.0	30 34.84	67.0	3	− 0.197	+ 72 3 25.0	64.0	11	12.24
8956	Weisse XX, 767 . .	8.2	20 30 37.67	68.7	2	+ 3.319	− 13 6 58.1	69.4	3	+ 12.25
8957	Lacaille 8509 . . .	6.7	30 54.74	62.6	2	3.855	− 36 31 16.0	62.7	3	12.27
8958	Anonymous . . .	8.3	30 55.66	70.1	2	2.522	+ 27 27 50.6	69.7	2	12.27
8959	β Delphini	4.5	30 58.93	46.0	6	+ 2.806	+ 14 6 37.8	70.8	4	12.28
8960	B. A. C. 7184 . . .	5.0*	31 1.61	61.8	2	−43.539	+ 88 42 3.0	66.7	2	12.28
8961	Weisse XX, 779 . .	8.2	20 31 4.00	68.7	2	+ 3.319	− 13 8 39.7	69.2	3	+ 12.28
8962	27 Vulpeculæ	6.2	31 6.35	62.6	2	2.557	+ 25 58 36.9	60.0	8	12.28
8963	B. A. C. 7123 . . .	6.5	31 8.87	60.7	2	3.396	− 17 2 49.1	54.6	2	12.29
8964	Lacaille 8513 . . .	6.5	31 22.43	62.7	5	3.847	− 36 17 18.8	64.2	2	12.31
8965	τ^2 Capricorni	6.0	31 26.41	63.2	6	3.364	− 15 26 34.7	65.2	2	12.31
8966	O. Arg. S. 20697 . .	8.8	20 31 30.41	68.8	2	+ 3.486	− 21 25 39.0	60.0	3	+ 12.31
8967	Lacaille 8512 . . .	5.8	31 31.32	66.7	2	4.052	− 42 53 22.3	66.8	2	12.32
8968	Lacaille 8517 . . .	5.8	31 32.26	62.6	8	3.782	− 33 55 25.4	67.1	3	12.32
8969	48 Cygni	6.2	31 50.34	69.7	2	2.437	+ 31 5 7.2	68.3	2	12.34
8970	Anonymous . . .	9.5	31 51.43	69.7	1	3.389	− 16 43 57.7	63.7	1	12.34
8971	B. A. C. 7132 . . .	7.0	20 31 51.48	69.7	2	+ 2.438	+ 31 2 9.7	68.3	2	+ 12.34
8972	B. A. C. 7128 . . .	6.5	31 51.54	61.9	5	3.548	− 24 16 57.0	59.5	6	12.34
8973	Anonymous . . .	8.5	32 1.77	68.7	2	2.251	+ 37 54 55.8	47.8	1	12.35
8974	O. Arg. S. 20709 . .	8.8	32 4.13	68.8	2	3.486	− 21 27 5.5	56.7	3	12.35
8975	B. A. C. 7133 . . .	6.7	32 4.44	62.6	8	3.550	− 24 35 52.5	63.6	2	12.35
8976	υ Capricorni	5.0	20 32 4.54	60.1	12	+ 3.427	− 18 37 42.8	58.7	9	+ 12.35
8977	Anonymous . . .	8.5	32 5.16	69.7	1	2.255	+ 37 47 20.2	47.7	1	12.35
8978	Lalande 39884 . . .	7.0*	32 5.99	69.6	2	2.261	+ 37 36 38.1	47.6	1	12.35
8979	Lalande 39885 . . .	6.0	32 7.66	69.0	3	2.254	+ 37 50 36.8	47.2	5	12.36
8980	B. A. C. 7135 . . .	7.1	32 8.54	61.8	6	3.634	− 28 4 42.1	60.9	5	12.36
8981	B. A. C. 7136 . . .	6.0	20 32 11.63	68.7	2	+ 3.612	− 27 8 9.5	65.3	2	+ 12.36
8982	1 Aquarii	6.0	32 14.29	69.2	2	3.072	− 0 0 12.5	64.7	2	12.36
8983	B. A. C. 7139 . . .	7.0	32 22.22	61.6	5	3.656	− 29 2 29.9	65.2	2	12.37
8984	B. A. C. 7146 . . .	7.0*	32 35.29	59.3	3	2.783	+ 15 20 54.5	56.7	4	12.39
8985	Lacaille 8529 . . .	6.3	32 42.24	62.4	3	3.731	− 32 5 23.6	68.1	2	12.40
8986	O. Arg. S. 20728 . .	7.7	20 32 48.63	68.8	2	+ 3.440	− 19 16 6.2	55.8	3	+ 12.40
8987	Anonymous . . .	7.8	32 56.02	69.3	2	2.250	+ 38 3 31.5	47.8	2	12.41
8988	B. A. C. 7147 . . .	6.5	33 2.49	64.1	3	3.595	− 26 29 34.3	64.7	2	12.42
8989	B. A. C. 7148 . . .	6.8	33 5.05	62.7	2	3.642	− 28 29 18.5	68.2	2	12.40
8990	α Delphini	3.5	33 8.08	55.5	6	2.783	+ 15 25 13.8	58.6	5	12.43

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			h. m. s.			″	° ′ ″			″
8991	Weisse XX, 841 . .	8.0	20 33 17.54	70.4	3	+ 3.206	− 7 17 22.6	70.2	2	+ 12.44
8992	73 Draconis	5.5	33 18.88	66.2	2	− 0.703	+ 74 28 25.7	59.5	5	12.44
8993	Anonymous . . .	7.8	33 21.72	68.7	2	+ 3.241	− 9 7 54.5	67.7	2	12.44
8994	Weisse(2)XX,1140,(1st*)	8.3	33 22.11	69.0	3	2.248	+ 38 9 24.1	48.0	5	12.44
8995	Weisse(2)XX, 1140,(2d *)	7.3	33 22.88	69.2	2	2.248	+ 38 9 9.5	47.8	4	12.44
8996	Weisse XX, 846 . .	8.0	20 33 26.80	70.4	3	+ 3.206	− 7 16 32.1	70.2	2	+ 12.45
8997	Weisse XX, 847 . .	8.7	33 28.02	62.1	3	3.257	− 10 0 57.4	67.0	3	12.45
8998	Weisse XX, 849 . .	8.0	33 31.12	62.0	4	3.259	− 10 8 11.9	61.8	2	12.45
8999	Weisse XX, 851 . .	8.5	33 35.08	69.9	5	3.207	− 7 21 7.6	69.8	2	12.45
9000	B. A. C. 7155 . . .	5.8	33 42.12	66.2	2	3.953	− 40 3 22.2	68.2	2	12.46
9001	Lacaille 8537 . . .	6.4	20 33 44.16	63.4	4	+ 3.675	− 29 54 53.9	64.8	2	+ 12.47
9002	Weisse XX, 860 . .	9.2	34 2.08	60.7	2	3.341	− 14 23 57.7	55.6	5	12.49
9003	B. A. C. 7158 . . .	6.0*	34 26.04	59.6	2	2.193	+ 40 5 9.8	53.8	3	12.51
9004	B. A. C. 7159 . . .	7.0	34 41.67	59.5	6	3.423	− 18 36 27.3	55.9	5	12.53
9005	Lacaille 8537 . . .	7.5	34 44.14	61.7	2	3.672	− 29 54 53.9	64.8	2	12.54
9006	Anonymous . . .	8.2	20 34 53.33	67.6	2	+ 2.037	+ 44 46 7.8	68.7	2	+ 12.55
9007	O. Arg. S. 20762 . .	8.5	34 55.74	68.7	2	3.451	− 19 59 6.6	63.2	2	12.55
9008	B. A. C. 7162 . . .	6.6	35 16.09	63.7	4	3.513	− 22 57 8.9	65.3	2	12.57
9009	O. Arg. S. 20765 . .	8.3	35 16.47	65.2	2	3.562	− 25 11 26.4	67.7	2	12.57
9010	Lacaille 8539 . . .	6.7	35 23.44	63.7	4	+ 3.734	− 32 25 45.2	68.7	2	12.58
9011	B. A. C. 7169 . . .	6.0	20 35 30.57	68.8	2	− 3.467	+ 80 57 19.8	65.0	2	+ 12.59
9012	Weisse XX, 905 . .	8.5*	35 41.83	64.6	2	+ 2.619	+ 2 29 45.8	66.8	2	12.60
9013	Lacaille 8540 . . .	6.4	35 46.06	62.9	6	3.836	− 36 19 47.6	63.3	5	12.61
9014	B. A. C. 7167 . . .	6.0*	35 46.08	58.7	2	2.242	+ 38 35 6.7	53.6	3	12.61
9015	B. A. C. 7168 . . .	5.5	36 6.91	62.7	4	3.641	− 28 42 20.1	66.7	2	12.63
9016	Anonymous . . .	6.0	20 36 19.79	69.0	3	+ 3.817	− 35 40 6.9	68.8	5	+ 12.64
9017	Weisse XX, 924 . .	8.1	36 22.78	68.7	2	3.073	− 0 1 53.1	64.7	2	12.65
9018	α Cygni	2.1*	36 39.55	52.4	151	2.043	+ 44 46 53.4	50.6	104	12.67
9019	Anonymous . . .	8.3	36 41.02	70.1	2	2.348	+ 34 56 14.5	69.7	2	12.67
9020	Anonymous . . .	8.5	36 43.80	60.0	5	3.478	− 21 23 41.9	58.0	8	12.67
9021	B. A. C. 7170 . . .	6.1	20 36 48.47	63.7	3	+ 3.617	− 27 45 3.5	65.1	3	+ 12.68
9022	Lacaille 8546 . . .	7.5	36 48.74	63.7	4	3.694	− 30 58 54.8	67.3	2	12.68
9023	O. Arg. S. 20802 . .	8.6	36 48.80	63.8	2	+ 3.539	− 24 15 37.8	66.7	2	12.68
9024	75 Draconis	5.5	36 51.39	68.8	2	− 3.425	+ 80 56 25.5	65.0	2	12.68
9025	B. A. C. 7172 . . .	6.8	36 51.87	68.7	2	+ 3.152	− 4 26 2.9	48.8	1	12.68
9026	Lalande 40043 . . .	6.0	20 36 53.18	69.6	3	+ 2.348	+ 34 57 23.4	62.7	3	+ 12.68
9027	Weisse XX, 942 . .	8.0	36 58.57	62.1	3	3.273	− 10 59 35.4	62.6	1	12.69
9028	O. Arg. S. 20805 . .	7.3	37 4.29	66.2	2	3.541	− 24 22 44.1	66.7	2	12.69
9029	Anonymous . . .	9.5	37 11.01	69.7	2	3.609	− 27 26 41.3	68.7	2	12.70
9030	B. A. C. 7175 . . .	5.3	37 11.80	68.8	3	3.931	− 39 42 15.6	66.7	2	12.70

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			h. m. s.			"	° ′ ″			"
9031	Lacaille 8549 . . .	6.2	20 37 22.93	63.0	3	+ 3.841	— 36 37 27.9	68.2	2	+ 12.72
9032	O. Arg. S. 20812 . .	9.0	37 38.14	64.7	2	3.476	— 21 21 30.1	68.8	1	12.73
9033	Anonymous . . .	10.0	37 42.40	69.6	1	3.814	— 35 40 7.5	62.8	1	12.73
9034	ψ Capricorni	8.0	37 47.98	61.2	11	3.570	— 25 46 15.0	63.7	3	12.74
9035	O. Arg. S. 20817 . .	8.2	37 59.04	65.0	3	3.538	— 24 18 11.4	68.4	3	12.76
9036	17 Capricorni	4.5	20 38 2.73	45.6	1	+ 3.489	— 22 1 12.8	68.2	2	+ 12.76
9037	B. A. C. 7180 . . .	7.5	38 3.25	64.1	7	3.536	— 24 13 48.3	61.7	2	12.76
9038	O. Arg. S. 20819 . .	7.2	38 3.32	69.7	1	3.536	— 24 13 48.7	66.1	3	12.76
9039	B. A. C. 7181 . . .	6.5	38 4.28	62.7	6	3.606	— 27 22 29.4	64.8	2	12.76
9040	Anonymous . . .	9.0	38 4.76	61.8	4	3.266	— 10 37 36.5	61.8	2	12.76
9041	O. Arg. S. 20827 . .	7.0	20 38 14.52	65.2	2	+ 3.562	— 25 25 17.2	68.7	2	+ 12.77
9042	O. Arg. S. 20828 . .	7.6	38 15.84	67.1	3	3.614	— 27 44 23.0	66.7	2	12.78
9043	Anonymous . . .	9.5	38 18.14	61.8	2	3.263	— 10 29 32.0	61.8	2	12.78
9044	O. Arg. S. 20833 . .	7.3	38 20.86	67.1	3	3.613	— 27 41 25.6	66.7	2	12.78
9045	Anonymous . . .	7.8	38 23.71	68.7	3	3.812	— 35 39 33.5	70.2	2	12.78
9046	O. Arg. S. 20839 . .	7.2	20 38 36.87	68.7	2	+ 3.446	— 19 56 46.0	58.4	3	+ 12.80
9047	30 Vulpeculæ	6.0*	38 48.94	59.2	3	2.597	+ 24 46 19.0	53.6	3	12.81
9048	Anonymous. . . .	8.8	38 51.46	61.8	2	3.624	— 28 12 26.3	66.8	2	12.81
9049	B. A. C. 7187 . . .	6.9	38 58.52	62.6	4	3.594	— 26 55 28.0	67.8	2	12.82
9050	Lacaille 8559 . . .	6.9	39 12.68	63.7	2	4.048	— 43 31 2.7	71.2	4	12.84
9051	Anonymous . . .	8.5	20 39 27.20	61.8	2	+ 3.624	— 28 15 43.0	65.8	2	+ 12.85
9052	B. A. C. 7193 . . .	6.0*	39 40.27	59.6	2	1.289	+ 60 5 52.7	53.7	3	12.87
9053	Anonymous . . .	8.4	40 3.29	48.8	2	3.753	— 33 38 5.5	65.6	2	12.89
9054	ε Aquarii	6.5	40 5.66	55.0	31	3.253	— 10 0 20.3	56.8	4	12.90
9055	B. A. C. 7195 . . .	7.8	40 6.25	65.7	2	3.514	— 23 21 29.0	69.2	2	12.90
9056	γ Delphini, (1st *) . .	6.3*	20 40 8.96	63.2	2	+ 2.786	+ 15 37 19.1	66.2	2	+ 12.90
9057	γ Delphini. (2d *) . .	3.3*	40 9.83	63.0	3	2.786	+ 15 37 18.6	66.2	2	12.90
9058	B. A. C, 7197 . . .	6.7	40 11.15	64.8	7	3.512	— 23 14 47.4	69.7	2	12.90
9059	O. Arg. S. 20859 . .	7.1	40 19.81	68.7	2	3.390	— 17 14 55.4	63.7	2	12.91
9060	O. Arg. S. 20857 . .	8.6	40 20.05	68.8	2	3.499	— 22 35 15.5	66.7	2	12.91
9061	B. A. C. 7202, (1st *) . .		20 40 27.46	59.6	2	+ 3.418	— 18 42 43.5	56.7	3	+ 12.92
9062	B. A. C. 7202, (2d *) . .		40 28.41	59.3	3	3.418	— 18 42 51.0	55.4	7	12.92
9063	ε Cygni	3.0*	40 32.29	45.7	2	2.397	+ 33 26 48.9	47.8	2	12.93
9064	Weisse XX, 1023 . .	7.5	40 32.75	47.7	1	3.257	— 10 15 41.6	69.7	2	12.93
9065	Weisse XX, 1022 . .	8.1	40 33.23	68.8	2	3.307	— 12 58 6.3	56.7	2	12.93
9066	Anonymous . . .	9.0	20 40 33.65	69 8	1	+ 3.327	— 14 0 4.2	68.2	2	+ 12.93
9067	B. A. C. 7203 . . .	7.0*	40 42.	. .	.	3.612	— 27 52 57.8	62.7	3	12.94
9068	Lacaille 8574 . . .	7.5	40 43.93	65.2	2	3.679	— 30 42 20.2	68.7	2	12.94
9069	Weisse XX, 1031 . .	8.5	40 49.77	60.6	3	3.328	— 14 3 17.2	58.0	0	12.95
9070	B. A. C. 7205 . . .	6.0	40 58.48	60.9	5	3.576	— 26 17 41.7	65.0	3	12.96

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
9071	Weisse XX, 1036 . .	9.0	20 40 59.00	60.9	3	+ 3.328	− 14 3 27.7	61.2	4	+ 12.96
9072	Weisse (2) XX, 1357 .	8.4	41 12.13	69.7	3	2.388	+ 33 51 45.0	69.4	3	12.97
9073	*a* Microscopii . . .	5.0	41 12.80	62.5	6	3.767	− 34 17 40.3	70.3	5	12.97
9074	Weisse XX, 1057 . .	6.7	41 22.59	64.6	2	3.514	+ 3 8 6.6	66.8	2	12.98
9075	B. A. C. 7209 . . .	6.5*	41 23.83	60.0	3	3.414	− 18 32 58.4	54.7	3	12.98
9076	Weisse XX, 1059 . .	9.0	20 41 34.89	61.8	3	+ 3.268	− 10 52 18.7	68.7	2	+ 13.00
9077	Weisse (2) XX, 1373 .	6.0	41 35.42	69.7	3	2.389	+ 33 51 41.3	58.5	4	13.00
9078	B. A. C. 7210 . . .	7.1	41 41.36	65.5	12	3.611	− 27 52 59.1	58.3	7	13.00
9079	Anonymous. . . .	9.2	41 42.66	67.4	6	3.611	− 27 53	. .	.	13.01
9080	O. Arg. S. 20884 . .	8.0	41 42.95	68.7	1	3.492	− 22 24 35.5	65.7	2	13.01
9081	Anonymous . . .	9.0	20 41 48.	. .	.	+ 2.389	+ 33 52 23.6	69.2	2	+ 13.01
9082	*λ* Cygni	5.0	41 57.28	68.7	2	2.334	+ 35 58 40.7	47.2	4	13.02
9083	B. A. C. 7212 . . .	5.5	42 0.51	62.6	2	3.879	− 38 25 50.4	66.3	2	13.03
9084	Lacaille 8585 . . .	6.2	42 0.86	64.3	2	3.712	− 32 14 28.8	68.7	2	13.03
9085	Lacaille 8587 . . .	7.0	42 8.42	61.7	2	3.721	− 32 34 13.6	68.7	2	13.03
9086	B. A. C. 7214 . . .	6.5*	20 42 11.	. .	.	+ 3.607	− 27 45 47.5	61.8	1	+ 13.04
9087	B. A. C. 7216 . . .	6.2	42 14.62	61.7	7	3.556	− 25 29 46.3	57.5	7	13.04
9088	*η* Cephei	3.5*	42 26.34	69.6	2	1.218	+ 61 17 49.7	64.8	4	13.05
9089	Lacaille 8586 . . .	6.6	42 28.32	63.7	2	3.968	− 41 25 29.7	68.7	2	13.06
9090	B. A. C. 7219 . . .	6.0*	42 32.96	59.6	2	2.055	+ 45 4 0.8	53.6	3	13.06
9091	Weisse XX, 1082 . .	8.8	20 42 34.86	66.7	3	+ 3.215	− 8 0 15.0	68.2	2	+ 13.07
9092	Weisse (2) XX, 1407 .	7.7	42 43.16	69.2	2	2.258	+ 38 46 23.4	47.4	4	13.08
9093	14 Delphini	6.5*	42 56.48	59.2	2	2.941	+ 7 20 45.0	53.7	3	13.09
9094	B. A. C. 7221 . . .	8.0	42 58.59	57.2	2	3.307	− 13 3 40.0	69.2	2	13.09
9095	Anonymous . . .	8.1	43 2.86	68.8	2	3.397	− 17 48 37.5	63.7	4	13.09
9096	Lacaille 8594 . . .	6.8	20 43 9.26	65.3	2	+ 3.664	− 30 18 4.3	68.2	2	+ 13.10
9097	Lacaille 8596 . . .	6.7	43 10.10	68.8	2	3.655	− 29 57 29.1	63.6	2	13.10
9098	B. A. C. 7224 . . .	7.0*	43 10.50	60.0	3	3.622	− 28 30 57.7	54.1	5	13.10
9099	B. A. C. 7225 . . .	6.8	43 10.70	68.0	4	3.605	− 27 45 50.3	60.7	5	13.10
9100	O. Arg. S. 20903 . .	7.5	43 13.79	60.2	2	3.380	− 16 56 2.2	61.3	2	13.11
9101	*β* Microscopii. . . .	6.5	20 43 16.36	62.2	2	+ 3.747	− 33 41 56.9	68.2	2	+ 13.11
9102	Anonymous . . .	8.3	43 23.80	68.7	1	3.471	− 21 32 46.9	64.2	2	13.12
9103	*ω* Capricorni	5.5*	43 27.56	61.7	8	3.597	− 27 26 23.9	65.2	2	13.12
9104	Anonymous . . .	7.5	43 33.84	69.6	2	3.903	− 39 25 46.7	56.1	4	13.13
9105	Lalande 40235 . . .	7.5	43 35.30	65.7	2	3.401	− 18 1 29.8	68.8	2	13.13
9106	Lacaille 8595 . . .	6.5	20 43 38.86	62.7	2	+ 3.909	− 39 37 51.8	66.7	2	+ 13.13
9107	O. Arg. S. 20906 . .	7.0	43 40.09	67.9	4	3.684	− 31 13 2.5	66.2	2	13.14
9108	Lalande 40277 . . .	7.0	43 40.73	69.2	2	2.363	+ 35 2 49.4	47.7	1	13.14
9109	4 Aquarii	6.0*	44 0.28	60.6	2	3.181	− 6 8 51.4	54.8	2	13.16
9110	Lacaille 8603 . . .	7.0	44 22.40	63.7	2	3.967	− 41 35 55.3	68.2	2	13.18

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			h. m. s.			"	° ′ ″			"
9111	Weisse XX, 1125 . .	7.8	20 44 23.60	67.7	2	+ 3.242	— 9 33 55.5	68.8	2	+ 13.18
9112	Lacaille 8608 . . .	6.8	44 34.12	62.4	3	3.702	— 32 2 12.5	65.8	2	13.20
9113	O. Arg. S. 20917 . .	7.3	44 40.72	67.7	2	3.536	— 24 44 16.0	67.7	2	13.20
9114	Lacaille 8609 . . .	6.0	44 47.05	62.6	1	3.822	— 36 43 9.5	65.2	2	13.21
9115	B. A. C. 7237 . . .	6.1	44 48.10	63.7	3	3.526	— 24 18 16.5	63.6	2	13.21
9116	Lacaille 8610 . . .	6.1	20 44 51.06	62.2	2	+ 3.682	— 31 14 33.5	66.2	2	+ 13.21
9117	O. Arg. S. 20921 . .	8.5	44 54.74	65.1	2	3.619	— 28 32 53.6	68.8	2	13.22
9118	O. Arg. S. 20922 . .	8.3	45 2.12	68.8	2	3.400	— 18 4 52.1	56.7	2	13.23
9119	μ Aquarii	4.5	45 5.98	62.5	70	3.240	— 9 30 21.4	62.2	7	13.23
9120	B. A. C. 7242 . . .	7.0	45 25.92	58.2	4	3.287	— 12 5 59.8	67.7	2	13.25
9121	Lacaille 8616 . . .	6.7	20 45 42.38	62.7	2	+ 3.615	— 28 27 4.1	65.5	3	+ 13.27
9122	B. A. C. 7244 . . .	6.8	45 47.47	62.6	9	3.535	— 24 48 22.3	60.0	4	13.28
9123	Anonymous . . .	8.0	46 0.59	69.2	2	3.945	— 41 5 55.3	55.7	2	13.30
9124	31 Vulpeculæ	6.0*	46 8.31	45.7	1	2.571	+ 26 34 27.3	67.8	2	13.30
9125	O. Arg. S. 20937 . .	7.2	46 11.60	66.2	2	3.614	— 28 27 31.2	66.8	2	13.30
9126	Anonymous . . .	7.0	20 46 43.97	68.8	1	+ 2.295	+ 37 53 48.3	48.6	1	+ 13.34
9127	B. A. C. 7248 . . .	7.5*	46 48.36	59.1	2	3.422	— 19 19 20.1	53.7	2	13.34
9128	19 Capricorni	6.0*	46 52.89	59.5	5	3.405	— 18 27 4.1	55.7	6	13.35
9129	Lalande 40400 . . .	6.2	46 56.46	68.7	2	2.265	+ 38 58 33.4	48.6	1	13.35
9130	Anonymous. . . .	8.0	47 5.55	64.7	2	3.532	— 24 45 52.0	67.1	3	13.36
9131	O. Arg. S. 20951 . .	7.0	20 47 7.63	68.7	2	+ 3.354	— 15 48 42.1	64.2	2	+ 13.36
9132	Lacaille 8619 . . .	7.1	47 13.95	62.8	9	3.697	— 32 4 58.9	65.7	3	13.37
9133	Anonymous . . .	7.2	47 18.81	62.8	9	3.695	— 32 2 9.2	66.7	2	13.37
9134	Anonymous . . .	7.2	48 2.41	68.7	2	2.273	+ 38 48 45.7	47.2	2	13.42
9135	57 Cygni	5.4	48 17.70	59.6	6	2.118	+ 43 51 30.7	59.9	7	13.44
9136	Lacaille 8620 . . .	6.0	20 48 22.88	63.7	2	+ 4.052	— 44 37 43.7	67.3	2	+ 13.45
9137	B. A. C. 7254 . . .	6.0*	48 25.20	58.8	2	2.092	+ 44 39 9.9	53.8	5	13.45
9138	B. A. C. 7252 . . .	6.1	48 27.80	63.6	6	3.574	— 26 49 38.0	63.7	2	13.45
9139	32 Vulpeculæ	4.5*	48 35.58	59.8	50	2.555	+ 27 31 36.6	58.5	26	13.46
9140	B. A. C. 7255 . . .	6.0*	48 39.93	48.7	1	3.003	+ 4 0 2.5	67.8	2	13.48
9141	O. Arg. S. 20973 . .	8.9	20 48 50.61	69.7	2	+ 3.528	— 24 43 47.5	67.7	2	+ 13.48
9142	B. A. C. 7259 . . .	7.0	48 56.06	68.7	1	2.121	+ 43 51 22.5	62.7	2	13.48
9143	17 Delphini	5.5	48 59.24	45.6	1	2.840	+ 13 11 21.8	68.3	2	13.48
9144	Anonymous . . .	9.0	49 7.85	68.7	2	3.888	— 39 31 33.5	55.8	3	13.49
9145	Anonymous . . .	. .	49 9.	. .	.	3.423	— 19 31 33.0	56.6	3	13.50
9146	Lalande 40494 . . .	6.2	20 49 13.93	68.7	2	+ 2.339	+ 36 32 32.2	49.5	6	+ 13.50
9147	Anonymous . . .	9.0	49 14.98	68.8	3	2.335	+ 36 42 8.3	47.7	1	13.50
9148	B. A. C. 7262 . . .	7.0*	49 18.36	59.7	2	1.712	+ 53 58 51.1	54.2	4	13.51
9149	7 Aquarii	5.5	49 20.09	46.8	2	3.250	— 10 13 53.6	71.4	5	13.51
9150	B. A. C. 7263 . . .	5.7	49 50.07	61.6	3	3.366	— 16 34 3.9	58.7	2	13.54

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9151	Weisse XX, 1269 . .	6 5	20 50 0.63	69.7	2	+ 3.073	− 0 4 10.3	64.7	2	+ 13.55
9152	Anonymous . . .	8.8	50 24.88	65.1	2	3.298	− 12 55 9.3	61.8	4	13.58
9153	Lacaille 8628 . . .	7.5	50 40.41	66.2	2	4.007	− 43 33 23.2	69.0	3	13.59
9154	Anonymous . . .	9.6	50 44.32	65.7	2	3.426	− 19 40 5.5	67.7	2	13.60
9155	B. A. C. 7269 . . .	6.0*	50 48.02	45.7	1	3.009	+ 3 39 19.6	48.8	1	13.60
9156	Weisse XX, 1291 . .	7.0	20 50 51.42	68.7	2	+ 3.313	− 13 54 4.3	55.7	2	+ 13.60
9157	Anonymous . . .	7.1	50 54.25	68.8	2	3.663	− 31 2 59.9	58.2	2	13.61
9158	Anonymous . . .	9.5	51 0.78	65.7	2	3.425	− 19 41 34.7	68.2	2	13.61
9159	Piazzi XX, 401. . .	6.0	51 0.88	65.7	2	2.129	+ 43 50 18.4	65.6	2	13.61
9160	B. A. C. 7268 . . .	6.5*	51 6.26	60.1	3	+ 2.024	+ 46 52 56.3	54.7	3	13.62
9161	Anonymous . . .	8.0	20 51 7.96	69.2	2	− 4.413	+ 82 31 56.3	56.7	4	+ 13.62
9162	Lacaille 8630 . . .	6.0	51 8.74	63.1	7	+ 3.803	− 36 40 6.0	64.7	2	13.62
9163	O. Arg. S. 21007 . .	7.8	51 11.88	68.7	2	3.584	− 27 33 21.9	67.8	2	13.63
9164	Anonymous . . .	9.4	51 18.94	65.7	1	3.423	− 19 42 56.9	68.2	2	13.63
9165	20 Capricorni	7.0	51 38.55	66.7	3	3.420	− 19 34 31.7	67.8	2	13.66
9166	18 Delphini	5.0	20 51 41.47	47.1	2	+ 2.894	+ 10 18 4.3	68.2	2	+ 13.66
9167	B. A. C. 7274 . . .	7.0*	51 51.30	59.2	2	1.960	+ 48 39 30.1	54.0	6	13.67
9168	Lacaille 8632 . . .	6.5	51 53.28	62.2	2	3.778	− 35 49 56.0	66.8	2	13.67
9169	ν Cygni	5.5	51 57.25	58.8	12	2.233	+ 40 37 45.8	65.8	2	13.68
9170	Lacaille 8635 . . .	6.5	52 3.60	63.7	3	3.798	− 36 35 56.2	66.8	2	13.68
9171	Lacaille 8633 . . .	6.0	20 52 5.40	66.2	2	+ 3.872	− 39 17 3.8	69.6	2	+ 13.68
9172	76 Draconis	6.0	52 29.17	62.6	2	2.378	+ 82 0 34.7	61.3	11	13.71
9173	Anonymous . . .	7.2	52 29.36	68.7	2	3.774	− 35 43 30.4	64.2	2	13.71
9174	Anonymous . . .	7.5	52 31.24	68.7	2	3.316	− 14 2 27.5	61.8	2	13.71
9175	Lacaille 8640 . . .	6.7	52 35.32	62.7	4	3.641	− 30 16 5.8	65.3	2	13.72
9176	O. Arg. S. 21030 . .	7.8	20 52 38.39	62.4	3	+ 3.642	− 30 17 32.4	67.2	2	+ 13.72
9177	1 Piscis Australis . .	5.3	52 41.66	62.6	6	3.700	− 32 48 5.7	63.7	2	13.72
9178	Lacaille 8642 . . .	6.8	52 47.96	66.7	2	3.716	− 33 26 22.3	69.7	2	13.73
9179	Lacaille 8638, (1st *) .	7.0*	52 55.70	63.7	1	3.998	− 43 32 41.1	67.4	3	13.74
9180	21 Capricorni	6.0	52 58.75	59.5	6	3.390	− 18 4 27.3	55.6	7	13.74
9181	O. Arg. S. 21034 . .	7.8	20 52 59.33	65.3	2	+ 3.595	− 28 15 4.9	66.7	2	+ 13.74
9182	Lacaille 8641 . . .	6.9	52 59.86	64.2	2	3.809	− 37 7 10.9	66.7	2	13.74
9183	Lacaille 8638, (2d *) .	7.0	53 0.70	66.2	2	3.998	− 43 32 22.6	67.4	3	13.74
9184	B. A. C. 7285 . . .	7.0*	53 10.40	58.8	2	2.953	+ 6 58 21.4	56.4	3	13.75
9185	Lacaille 8647 . . .	7.1	53 11.01	63.4	6	3.597	− 28 20 54.8	66.7	2	13.75
9186	B. A. C. 7290	. .	20 53 18.82	60.0	4	+ 2.135	+ 43 55 40.9	60.6	5	+ 13.76
9187	B. A. C. 7287 . . .	6.2	53 26.26	63.7	3	3.576	− 27 25 30.6	69.7	2	13.77
9188	B. A. C. 7286 . . .	6.1	53 27.63	61.3	6	3.861	− 39 4 20.0	69.7	2	13.77
9189	Radcliffe 5050 . . .	7.0	53 43.84	61.7	1	+ 2.138	+ 43 52 23.5	64.8	2	13.79
9190	B. A. C. 7299 . . .	5.4	53 48.94	62.5	4	− 2.447	+ 80 1 29.8	64.2	8	13.79

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			h. m. s.			"	° ′ ″			"
9191	Weisse XX, 1370 . .	9.0*	20 53 59.	. .	.	+ 3.315	— 14 3 11.5	55.8	2	+ 13.79
9192	O. Arg. S. 21046 . .	8.7	54 0.32	64.2	2	3.421	— 19 47 28.1	68.7	2	13.81
9193	ζ Microscopii . . .	5.9	54 0.50	63.8	6	3.862	— 39 10 29.0	65.6	2	13.81
9194	Anonymous . . .	9.5	54 22.33	68.8	2	3.296	— 13 1 7.1	68.2	2	13.83
9195	Lacaille 8658 . . .	8.0	54 31.18	62.4	4	3.623	— 29 39 31.4	65.8	2	13.84
9196	B. A. C. 7297 . . .	6.0*	20 54 34.37	59.4	3	+ 2.268	+ 39 42 20.5	54.0	6	+ 13.84
9197	Weisse XX, 1394 . .	7.0	54 45.51	59.2	2	3.295	— 12 59 38.5	58.9	7	13.85
9198	O. Arg. S. 21053 . .	7.3	54 47.44	64.6	6	3.419	— 19 47 48.5	65.4	4	13.86
9199	Lacaille 8660 . . .	5.8	54 48.81	63.6	4	3.591	— 28 14 43.9	66.7	2	13.86
9200	f^1 Cygni	5.0	55 3.93	66.1	3	2.037	+ 46 58 32.2	57.7	3	13.87
9201	B. A. C. 7300 . . .	6.6	20 55 4.27	63.3	5	+ 3.535	— 25 37 24.0	63.7	3	+ 13.87
9202	Lacaille 8657 . . .	7.0	55 7.03	66.5	3	3.993	— 43 38 11.9	70.7	3	13.88
9203	2 Equulei	6.0*	55 18.45	45.7	3	2.960	+ 6 37 55.3	68.3	2	13.89
9204	Anonymous . . .	7.5	55 24.72	68.7	2	2.343	+ 37 6 22.9	48.7	1	13.89
9205	O. Arg. S. 21072 . .	7.5	56 0.68	61.8	2	3.585	— 28 5 1.8	68.2	2	13.93
9206	Lacaille 8667 . . .	6.8	20 56 16.19	62.2	4	+ 3.816	— 37 46 52.9	66.8	2	+ 13.95
9207	η Capricorni	5.0	56 25.99	48.2	4	3.429	— 20 24 22.9	68.3	2	13.96
9208	12 Aquarii	5.3	56 40.12	47.6	2	3.179	— 6 22 30.1	67.7	2	13.97
9209	Anonymous . . .	7.3	56 42.	. .	.	3.692	— 32 53 54.8	69.2	2	13.98
9210	O. Arg. S. 21083 . .	7.7	56 43.57	62.6	1	3.350	— 16 11 18.9	65.2	2	13.98
9211	B. A. C. 7312 . . .	6.8	20 56 59.58	66.4	3	+ 3.378	— 17 42 59.8	64.5	6	+ 13.99
9212	Lacaille 8677 . . .	7.2	57 11.92	63.2	4	3.788	— 36 48 48.3	67.2	2	14.01
9213	δ Microscopii. . . .	5.6	57 33.39	62.4	8	3.639	— 30 40 41.8	68.8	2	14.03
9214	B. A. C. 7320 . . .	6.2	57 39.00	68.6	2	2.323	+ 38 6 20.2	47.2	2	14.04
9215	Lacaille 8681 . . .	6.4	57 41.68	64.2	2	3.745	— 35 11 7.7	68.3	2	14.04
9216	Anonymous . . .	6.8	20 57 49.77	68.7	2	+ 2.337	+ 37 36 0.9	47.7	3	+ 14.05
9217	2 Piscis Australis . .	5.7	57 50.46	62.4	7	3.690	— 32 53 55.6	68.1	3	14.05
9218	θ Capricorni	8.0	58 4.37	61.3	21	3.378	— 17 47 12.1	60.0	16	14.06
9219	Lacaille 8686 . . .	6.7	58 35.03	66.8	3	3.849	— 39 14 57.7	63.7	2	14.09
9220	O. Arg. S. 21106 . .	6.8	58 43.79	61.4	8	3.491	— 23 46 27.3	61.8	2	14.10
9221	B. A. C. 7327 . . .	6.6	20 58 55.65	62.2	6	+ 3.489	— 23 42 29.7	62.5	3	+ 14.11
9222	A Capricorni	4.7	58 55.95	64.2	4	3.526	— 25 33 44.7	62.8	2	14.11
9223	O. Arg. S. 21115 . .	7.8	59 0.93	68.7	2	3.347	— 16 7 49.3	65.2	2	14.12
9224	Lacaille 8691 . . .	7.0	59 3.97	62.4	4	3.574	— 27 50 57.2	63.6	2	14.12
9225	B. A. C. 7332 . . .	6.0	59 31.10	66.5	3	1.827	+ 52 43 47.7	61.7	3	14.15
9226	Lacaille 8693 . . .	6.6	20 59 50.99	64.2	2	+ 3.806	— 37 48 16.0	65.8	3	+ 14.17
9227	O. Arg. S. 21129 . .	7.0	20 59 51.41	64.7	2	3.472	— 22 53 40.5	65.1	2	14.17
9228	Anonymous . . .	7.7	21 0 18.68	70.3	3	3.620	— 30 5 40.5	69.7	3	14.20
9229	O. Arg. S. 21138 . .	7.4	0 23.13	68.7	2	3.366	— 17 17 13.7	66.7	2	14.21
9230	Lacaille 8697 . . .	6.8	0 25.92	63.2	2	3.823	— 38 29 48.2	66.8	2	14.21

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			h. m. s.			"	° ′ ″			"
9231	61 Cygni, (1st *) . . .	5.5*	21 0 33.86	49.8	153	+ 2.334	+ 38 3 18.6	51.4	260	+ 14.22
9232	Lacaille 8699 . . .	5.8	0 34.18	62.7	2	3.790	− 37 15 53.7	68.2	2	14.22
9233	Lacaille 8701 . . .	7.0	0 36.66	62.1	5	3.596	− 29 2 8.6	68.2	2	14.22
9234	61 Cygni, (2d *) . . .	6.0*	0 37.08	54.8	23	2.334	+ 38 3 22.6	54.0	113	14.22
9235	O. Arg. S. 21148 . .	8.8	0 43.35	65.3	2	3.482	− 23 29 34.2	65.8	2	14.23
9236	Anonymous . . .	9.5	21 1 0.55	68.8	1	+ 2.392	+ 35 50 38.5	48.7	1	+ 14.24
9237	B. A. C. 7340 . . .	7.8	1 4.51	63.9	4	3.495	− 24 11 26.7	65.0	2	14.25
9238	O. Arg. S. 21154 . .	8.4	1 35.50	68.0	4	3.474	− 23 11 41.5	68.2	2	14.28
9239	Lacaille 8707 . . .	6.5	1 41.01	63.7	3	3.620	− 30 17 9.8	66.8	2	14.29
9240	Lacaille 8706 . . .	6.7	1 46.24	62.7	2	3.691	− 33 24 58.7	66.8	2	14.29
9241	f^2 Cygni	4.2	21 1 46.89	62.8	2	+ 2.063	+ 47 5 13.7	65.7	2	+ 14.29
9242	O. Arg. S. 21162 . .	7.7	1 54.84	64.5	7	3.472	− 23 5 30.0	65.7	2	14.30
9243	ν Aquarii	4.5	1 57.87	60.0	33	3.270	− 11 56 10.5	59.0	6	14.30
9244	Lalande 41011 . . .	7.6	2 10.99	65.4	3	2.573	+ 28 3 30.5	68.8	2	14.32
9245	B. A. C. 7347 . . .	6.8	2 26.19	63.9	6	3.470	− 23 2 41.1	65.5	2	14.33
9246	Anonymous . . .	7.3	21 2 33.30	65.7	3	+ 3.486	− 23 52 28.8	68.7	2	+ 14.34
9247	B. A. C. 7349 . . .	6.5	3 13.37	61.8	2	3.878	− 40 49 53.5	68.2	2	14.38
9248	O. Arg. S. 21189, (1st *)	8.2	3 28.13	67.7	3	3.480	− 23 40 45.1	67.7	1	14.39
9249	O. Arg. S. 21189, (2d *)	7.8	3 28.67	67.7	3	3.480	− 23 40 52.3	67.7	2	14.39
9250	γ Equulei	5.5	3 32.00	61.1	5	2.915	+ 9 34 9.4	68.3	2	14.40
9251	Lalande 41086 . . .	7.0	21 3 39.93	68.7	2	+ 2.341	+ 38 9 46.9	47.7	2	+ 14.41
9252	6 Equulei	6.5	3 43.00	69.7	3	2.917	+ 9 28 48.4	68.3	2	14.41
9253	O. Arg. S. 21196 . .	7.5	3 54.33	67.3	2	3.499	− 24 41 30.3	68.5	3	14.42
9254	Lacaille 8722 . . .	7.2	4 3.45	63.4	6	3.755	− 36 19 57.7	65.3	2	14.43
9255	Lacaille 8719 . . .	5.0	4 4.86	68.7	2	+ 3.851	− 39 59 31.6	63.7	2	14.43
9256	Lalande 41229 . . .	8.0*	21 4 15.88	47.8	5	− 0.383	+ 74 58 19.8	68.3	2	+ 14.44
9257	Lalande 41236 . . .	8.0*	4 21.33	47.8	5	− 0.404	+ 75 3 40.0	68.3	2	14.45
9258	Anonymous . . .	8.3	4 33.08	68.7	2	+ 3.738	− 35 42 22.1	67.8	2	14.45
9259	Lacaille 8725 . . .	6.4	4 33.50	62.7	3	3.770	− 36 59 46.5	67.8	2	14.46
9260	Anonymous . . .	8.3	4 42.76	69.7	4	3.277	− 12 29 10.8	47.7	1	14.47
9261	Anonymous . . .	8.2	21 4 48.28	68.8	2	+ 3.275	− 12 23 21.6	47.7	1	+ 14.48
9262	3 Piscis Australis . .	5.7	4 58.77	62.5	9	3.568	− 28 11 16.3	65.3	2	14.49
9263	B. A. C. 7359 . . .	7.0	5 8.79	65.2	5	3.511	− 25 25 4.4	66.7	2	14.50
9264	O. Arg. S. 21218 . .	8.0	5 18.33	65.3	2	3.511	− 25 26 52.3	66.7	2	14.51
9265	O. Arg. S. 21219 . .	7.0	5 20.98	65.7	2	3.470	− 23 20 4.6	68.3	2	14.51
9266	Anonymous . . .	6.1	21 5 26.04	68.7	2	+ 2.408	+ 35 43 44.4	46.7	3	+ 14.51
9267	Lacaille 8736 . . .	7.0	5 36.11	62.8	4	3.610	− 30 14 10.4	66.8	2	14.52
9268	Lacaille 8740 . . .	6.0	5 58.73	68.8	2	3.459	− 22 47 9.6	65.2	2	14.55
9269	Lacaille 8737 . . .	7.0	6 12.02	65.2	2	3.874	− 41 4 59.4	69.7	3	14.55
9270	B. A. C. 7366 . . .	8.0	6 32.93	60.8	8	3.530	− 26 29 15.3	59.5	5	14.58

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			h. m. s.			"	° ′ ″			"
9271	Weisse (2) XXI, 137	8.0	21 6 57.54	65.7	1	+ 2.744	+ 19 40 1.5	68.3	2	+ 14.61
9272	ζ Cygni	3.0*	6 58.72	55.6	236	2.550	+ 29 39 16.1	52.8	109	14.61
9273	Anonymous	7.3	6 58.97	68.8	2	2.356	+ 37 59 33.2	46.8	2	14.61
9274	Lacaille 8742	6.2	7 3.12	63.2	4	3.757	− 36 47 19.1	66.8	2	14.61
9275	Weisse (2) XXI, 154	7.0	7 13.47	68.7	2	2.426	+ 35 13 26.4	46.8	2	14.62
9276	Anonymous	7.5	21 7 25.08	68.7	2	+ 3.329	− 15 42 12.6	65.2	2	+ 14.63
9277	9 Capricorni	6.0	7 39.50	68.3	3	3.427	− 21 13 49.3	68.8	2	14.65
9278	Anonymous	8.5	7 41.73	68.7	2	3.331	− 15 50 40.7	63.7	1	14.65
9279	B. A. C. 7373	6.8	7 48.80	69.3	2	2.408	+ 36 3 25.6	47.6	6	14.66
9280	29 Capricorni	5.5	7 59.70	65.7	2	3.329	− 15 45 2.5	61.5	9	14.67
9281	Lalande 41269	6.6	21 8 11.42	68.8	2	+ 2.560	+ 29 19 25.9	47.7	1	+ 14.68
9282	B. A. C. 7377	5.0*	8 14.28	69.7	2	1.531	+ 39 24 42.4	57.7	3	14.68
9283	Weisse XXI, 156	6.7	8 17.78	68.7	3	3.228	− 9 42 1.6	54.7	2	14.69
9284	Lacaille 8747	7.5	8 23.95	65.7	2	3.826	− 39 37 58.6	66.8	2	14.69
9285	14 Aquarii	7.5	8 46.64	59.6	4	3.229	− 9 47 45.0	54.2	4	14.71
9286	α Equulei	4.5	21 8 49.43	58.6	5	+ 2.998	+ 4 40 15.7	60.6	5	+ 14.72
9287	Anonymous	6.0	8 54.40	68.7	2	2.347	+ 38 39 48.6	47.2	4	14.72
9288	B. A. C. 7383	7.0*	8 56.78	60.7	2	2.295	+ 40 34 2.3	53.8	3	14.72
9289	Weisse XXI, 171	7.2	8 58.52	59.6	3	3.228	− 9 44 19.7	67.7	2	14.73
9290	Lacaille 8758	6.6	9 0.23	62.4	9	3.624	− 31 19 40.5	67.8	2	14.73
9291	Lacaille 8760	6.7	21 9 1.78	63.6	1	+ 3.818	− 39 24 31.7	69.8	4	+ 14.73
9292	τ Cygni	5.2	9 12.40	68.8	1	2.378	+ 37 26 52.5	46.7	13	14.74
9293	4 Piscis Australis	5.2	9 26.29	62.1	9	3.655	− 32 45 18.5	64.8	4	14.75
9294	Anonymous	8.0	9 34.76	67.2	2	3.442	− 22 10 57.2	69.7	2	14.76
9295	Weisse (2) XXI, 225	9.0	9 55.15	69.2	2	2.400	+ 36 37 4.4	69.7	2	14.78
9296	Weisse (2) XXI, 226	7.0	21 9 55.50	60.7	2	+ 2.297	+ 40 37 42.4	53.8	3	+ 14.78
9297	Lalande 41341	7.3	9 57.51	68.7	2	+ 2.399	+ 36 40 16.3	54.3	5	14.78
9298	B. A. C. 7393	6.0*	10 15.69	47.8	6	− 0.215	+ 74 39 11.6	68.3	2	14.80
9299	Lacaille 8764	7.0	10 30.39	69.2	2	+ 3.873	− 41 38 18.2	61.8	2	14.81
9300	O. Arg. S. 21285	8.5	10 34.63	65.1	3	3.535	− 27 12 0.0	66.8	2	14.82
9301	O. Arg. S. 21286	6.6	21 10 37.43	63.4	6	+ 3.578	− 29 20 57.8	67.7	2	+ 14.82
9302	15 Aquarii	5.5	10 50.24	68.7	2	3.154	− 5 6 16.7	64.8	3	14.84
9303	O. Arg. S. 21290	7.8	10 51.40	68.6	2	3.447	− 22 37 20.5	64.8	2	14.84
9304	Lacaille 8776	6.4	11 36.98	63.7	4	3.545	− 27 47 48.2	63.8	2	14.88
9305	Lacaille 8777	6.7	11 39.35	63.3	5	3.527	− 26 55 38.2	65.8	2	14.88
9306	Weisse XXI, 239	7.0	21 11 40.86	67.3	2	+ 3.289	− 13 38 6.8	67.7	2	+ 14.88
9307	10 Microscopii	5.2	11 47.48	66.2	2	3.862	− 41 23 58.5	67.8	2	14.89
9308	σ Cygni	4.5*	11 55.10	46.5	10	2.352	+ 38 48 35.0	46.1	18	14.90
9309	Lalande 41419	6.2	12 5.38	68.7	2	2.357	+ 38 37 34.8	47.7	1	14.91
9310	ν Cygni	4.8	12 9.81	47.0	4	2.462	+ 34 18 38.0	64.5	3	14.91

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			h. m. s.			″	° ′ ″			″
9311	Weisse XXI, 258 . .	8.0	21 12 22.67	69.7	2	+ 3.288	− 13 34 31.0	67.7	2	+ 14.93
9312	B. A. C. 7401 . . .	5.5	13 3.35	58.7	2	1.790	+ 55 12 39.0	54.1	5	14.97
9313	Anonymous. . . .	7.2	13 5.47	68.5	2	3.421	− 21 24 33.8	56.7	4	14.97
9314	A Cygni	6.0*	13 14.06	59.1	3	2.232	+ 43 21 29.7	53.8	2	14.98
9315	Lacaille 8787 . . .	6.6	13 29.90	62.8	10	3.580	− 29 45 26.8	64.2	2	14.99
9316	Weisse (2) XXI, 310 .	8.2	21 13 39.46	67.2	2	+ 2.765	+ 19 5 45.9	67.8	2	+ 15.00
9317	16 Aquarii	5.5	13 43.78	68.7	2	3.152	− 5 9 5.7	64.7	3	15.01
9318	Weisse (2) XXI, 322 .	6.6	13 46.85	68.7	2	2.374	+ 38 13 1.6	47.3	1	15.01
9319	Anonymous.		13 47.22	47.3	3	2.388	+ 37 38 52.5	47.3	3	15.01
9320	Weisse (2) XXI, 328 .	8.5	14 4.03	68.7	2	2.375	+ 38 12 43.2	46.7	2	15.02
9321	Weisse (2) XXI, 325 .	7.5	21 14 10.54	67.2	2	+ 2.763	+ 19 15 5.3	68.3	2	+ 15.03
9322	Anonymous. . . .	8.4	14 14.79	65.3	5	3.453	− 23 17 36.0	67.7	1	15.03
9323	Weisse (2) XXI, 327 .	7.8	14 16.76	68.8	2	2.763	+ 19 14 57.3	68.8	2	15.04
9324	Lacaille 8790 . . .	6.9	14 21.12	62.9	5	3.583	− 30 1 45.7	66.8	1	15.04
9325	ι Capricorni	4.8	14 26.78	59.4	20	3.350	− 17 25 40.6	71.0	4	15.05
9326	B. A. C. 7408 . . .	7.0	21 14 27.58	48.7	1	+ 3.227	− 9 55 9.8	68.3	2	+ 15.05
9327	34 Vulpeculæ	5.0	14 44. . .	.		2.692	+ 23 16 4.4	72.4	1	15.06
9328	Lacaille 8791 . . .	7.1	14 48.97	63.2	4	3.769	− 38 19 25.9	65.4	3	15.07
9329	B. A. C. 7413 . . .	5.7	14 58.57	63.5	6	3.451	− 23 15 51.9	65.8	4	15.08
9330	α Cephei	3.2*	15 13.96	53.4	160	1.417	+ 61 59 35.1	52.0	103	15.09
9331	B. A. C. 7417 . . .	5.2	21 15 23.24	68.8	2	+ 1.662	+ 58 1 56.0	54.7	2	+ 15.10
9332	17 Aquarii	6.5	15 25.66	69.7	2	3.226	− 9 54 49.7	68.3	2	15.10
9333	θ^2 Microscopii. . . .	6.0	15 28.43	62.7	5	3.853	− 41 36 13.9	63.5	3	15.11
9334	Anonymous. . . .		15 31. . .	.		2.069	+ 48 45 35.3	70.7	1	15.11
9335	1 Pegasi	4.5*	15 36.81	65.8	18	2.766	+ 19 12 27.5	63.8	2	15.11
9336	Weisse XXI, 346 . .	8.5	21 15 37.17	59.9	1	+ 3.246	− 11 11 2.7	55.6	5	+ 15.11
9337	Anonymous. . . .	7.8	15 37.65	68.8	3	2.377	+ 38 20 11.1	69.7	2	15.11
9338	B. A. C. 7419 . . .	7.0*	15 47.60	62.5	5	2.496	− 25 47 54.3	63.7	2	15.12
9339	Lalande 41544 . . .	8.0	16 5.09	67.2	2	3.269	− 12 39 24.6	69.7	2	15.14
9340	B. A. C. 7422 . . .	7.3	16 6.15	62.2	2	3.503	− 26 9 29.9	67.3	2	15.14
9341	B. A. C. 7424 . . .	5.7	21 16 6.63	68.7	2	+ 3.450	− 23 20 39.3	68.3	2	+ 15.14
9342	O. Arg. S. 21355 . .	7.2	16 11.44	65.2	2	3.466	− 24 13 54.7	66.8	2	15.15
9343	33 Capricorni	5.5	16 12.80	68.7	2	3.416	− 21 26 40.6	56.7	3	15.15
9344	B. A. C. 7426 . . .	6.6	16 14.71	63.7	2	3.481	− 25 1 8.6	66.8	2	15.15
9345	Lalande 41550 . . .	7.5	16 19.76	66.8	2	3.460	− 23 53 19.0	68.7	2	15.16
9346	18 Aquarii	6.0*	21 16 32.30	45.6	1	+ 3.282	− 13 28 35.5	69.2	2	+ 15.17
9347	Lacaille 8804 . . .	6.8	16 41.04	65.3	2	3.694	− 35 27 12.8	68.7	2	15.18
9348	Lalande 41614 . . .	7.5	16 58.66	68.8	2	2.386	+ 38 9 55.7	69.3	2	15.19
9349	B. A. C. 7431 . . .	6.0*	17 8.74	60.2	2	2.076	+ 48 47 25.7	70.2	2	15.20
9350	Lalande 41624 . . .	6.0	17 11.64	68.7	2	2.390	+ 38 2 17.1	62.4	3	15.20

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			h. m. s.			″	° ′ ″			″
9351	Anonymous . . .	8.8	21 17 14.72	66.8	2	+ 3.458	— 23 51 52.8	68.7	2	+ 15.21
9352	Anonymous . . .	9.0	17 16.64	68.8	2	3.488	— 25 30 12.7	56.8	2	15.21
9353	Lalande 41627 . . .	7.2	17 19.43	68.8	2	2.389	+ 38 6 39.2	53.3	4	15.21
9354	B. A. C. 7432 . . .	5.3	17 37.11	63.7	3	3.762	— 38 25 53.4	65.4	3	15.23
9355	B. A. C. 7437 . . .	5.0	17 40.08	45.7	1	2.691	+ 23 40 28.5	69.3	2	15.23
9356	B. A. C. 7434 . . .	7.0	21 17 40.56	63.3	5	+ 3.493	— 25 50 20.3	63.7	2	+ 15.23
9357	19 Aquarii	6.0	17 41.49	63.8	2	3.231	— 10 20 32.3	67.7	1	15.23
9358	B. A. C. 7436 . . .	6.5	17 44.69	61.7	5	3.467	— 24 25 21.6	58.6	8	15.24
9359	B. A. C. 7442 . . .	6.9	18 2.52	65.4	3	3.478	— 25 5 7.3	66.8	2	15.25
9360	Anonymous . . .	9.3	18 8.14	65.7	3	3.442	— 23 4 12.4	67.8	2	15.26
9361	Weisse (2) XXI, 433 .	6.2	21 18 8.38	68.7	2	+ 2.424	+ 36 45 9.1	47.3	3	+ 15.26
9362	O. Arg. S. 21382 . .	9.0	18 14.00	66.2	2	3.478	— 25 4 59.6	66.8	2	15.26
9363	Anonymous . . .	7.7	18 15.42	68.7	2	3.430	— 22 25 55.1	66.3	2	15.26
9364	ζ Capricorni	3.7	18 40.09	62.4	17	3.440	— 23 0 54.9	59.2	9	15.29
9365	Lacaille 8821 . . .	7.0	19 19.41	62.6	7	3.537	— 28 19 51.3	64.8	2	15.33
9366	Anonymous . . .	8.0	21 19 20.80	65.2	4	+ 3.384	— 19 54 58.9	66.8	2	+ 15.33
9367	Anonymous . . .	7.3	19 32.93	69.7	7	2.444	+ 36 5 11.7	47.7	1	15.34
9368	B. A. C. 7450 . . .	7.0*	19 56.47	58.8	3	2.780	+ 18 46 14.4	53.7	2	15.36
9369	Weisse XXI, 453 . .	7.0	20 2.98	67.3	2	3.259	— 12 16 12.5	67.8	2	15.37
9370	69 Cygni	6.2	20 3.85	65.7	5	2.446	+ 36 3 51.3	50.4	6	15.37
9371	O. Arg. S. 21404 . .	7.7	21 20 9.31	61.8	3	+ 3.512	— 27 8 37.3	66.8	2	+ 15.37
9372	Anonymous . . .	7.0	20 31.86	68.7	2	2.467	+ 35 14 10.1	48.7	1	15.39
9373	Weisse XXI, 465 . .	6.6	20 38.83	67.2	2	3.257	— 12 10 23.4	67.8	2	15.40
9374	5 Piscis Australis . .	6.4	20 41.23	63.4	6	3.604	— 31 50 47.1	68.2	2	15.40
9375	b Capricorni	5.0	20 44.12	68.7	2	3.425	— 22 24 50.1	65.2	2	15.40
9376	Lacaille 8823 . . .	6.7	21 20 47.50	63.4	3	+ 3.758	— 38 41 38.3	67.8	2	+ 15.41
9377	Lacaille 8824 . . .	8.0	21 7.46	65.3	2	3.917	— 44 41 7.9	64.8	2	15.43
9378	Lacaille 8827 . . .	7.2	21 8.76	63.2	4	3.747	— 38 17 57.6	66.7	3	15.43
9379	70 Cygni	6.0	21 38.78	68.7	3	2.441	+ 36 30 35.6	53.1	8	15.46
9380	Anonymous . . .	8.0	21 52.70	66.1	3	3.448	— 23 51 9.7	69.0	3	15.47
9381	Anonymous . . .	9.0	21 22 3.89	68.8	1	+ 3.447	— 23 49 12.2	69.7	2	+ 15.48
9382	Anonymous . . .	8.5	22 4.20	60.8	1	3.446	— 23 45 31.7	68.7	1	15.48
9383	Lalande 41789 . . .	7.1	22 5.60	68.8	2	2.481	+ 34 48 4.2	48.7	1	15.48
9384	B. A. C. 7463 . . .	6.8	22 7.89	68.8	2	3.377	— 19 45 23.0	56.8	2	15.48
9385	B. A. C. 7466 . . .	7.0	22 20.09	64.8	2	3.482	— 25 48 12.9	63.8	3	15.49
9386	B. A. C. 7467 . . .	7.6	21 22 20.38	62.5	7	+ 3.482	— 25 48 11.6	72.7	3	+ 15.49
9387	Weisse XXI, 506 . .	9.0	22 29.73	65.7	3	3.210	— 9 12 44.5	65.7	4	15.50
9388	Lacaille 8834 . . .	6.8	22 37.31	63.3	4	3.491	— 26 19 18.4	65.3	2	15.51
9389	Weisse XXI, 522 . .	7.2	22 59.95	67.7	2	3.297	— 14 54 6.7	68.3	2	15.53
9390	(* 39) Washington. .	9.2	23 14.60	67.0	4	3.322	— 16 28 1.1	69.3	2	15.55

Number.		Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.	Mean year.	No. of obs.	Annual Precession, 1860.
				h. m. s.			″	° ′ ″			″
9391		O. Arg. S. 21438 . .	9.0	21 23 29.35	67.3	2	+ 3.378	— 19 56 12.9	67.7	2	+ 15.56
9392		O. Arg. N. 22321 . .	9.0	23 31.35	60.7	1	0.771	+ 69 52 9.3	68.8	4	15.56
9393		O. Arg. S. 21442 . .	7.0	23 33.64	65.7	3	3.376	— 19 51 0.3	69.1	3	15.56
9394		O. Arg. S. 21441 . .	7.5	23 33.95	61.7	2	3.482	— 25 54 50.4	65.7	2	15.56
9395		O. Arg. S. 21443 . .	7.4	23 34.47	68.7	3	3.424	— 22 37 25.4	63.7	4	15.56
9396	2	Pegasi	5.0	21 23 36.46	45.7	1	+ 2.714	+ 23 1 38.0	69.2	2	+ 15.56
9397		(* 39) Washington. . . .		23 43.	. .	.	3.321	— 16 28 5.0	55.4	3	15.57
9398		Lacaille 8839 . . .	6.5	23 45.32	61.7	2	3.484	— 26 1 34.9	65.0	4	15.57
9399		Weisse XXI, 543 . .	9.8	23 59.25	65.7	3	3.211	— 9 21 22.1	65.7	4	15.59
9400	β	Aquarii	3.0*	24 11.18	54.5	233	3.163	— 6 11 6.5	51.8	95	15.60
9401		Anonymous . . .	8.5	21 24 14.55	65.7	2	+ 3.440	— 23 40 28.5	68.3	2	+ 15.60
9402		B. A. C. 7479 . . .	6.5	24 28.87	63.7	3	3.467	— 25 12 24.6	66.8	2	15.61
9403		O. Arg. S. 21452 . .	7.2	24 34.68	68.7	3	3.459	— 24 45 58.4	68.7	3	15.62
9404		Lalande 41870 . . .	7.4	24 45.84	67.3	2	3.264	— 12 52 56.2	68.8	2	15.63
9405		B. A. C. 7485 . . .	6.8	25 55.89	66.4	3	3.324	— 16 48 53.7	55.8	6	15.69
9406		Lacaille 8846 . . .	6.0	21 26 4.05	64.2	2	+ 3.705	— 37 15 58.9	66.8	2	+ 15.70
9407		Lacaille 8849 . . .	6.2	26 36.97	62.2	4	3.557	— 30 18 56.5	64.4	3	15.73
9408		Anonymous . . .	9.0	26 46.25	69.7	2	3.483	— 26 21 5.6	67.8	2	15.74
9409	β	Cephei, (1st *) . . .	8.0	26 48.05	63.5	1	+ 0.802	+ 69 56 43.3	67.7	3	15.74
9410		B. A. C. 7504 . . .	6.0	26 48.83	62.0	2	—10.285	+ 86 27 0.3	66.8	2	15.74
9411	β	Cephei, (2d *) . . .	3.0*	21 26 50.34	57.5	114	+ 0.802	+ 69 56 47.1	50.8	74	+ 15.74
9412		O. Arg. S. 21480 . .	8.7	26 52.90	65.7	4	3.298	— 15 14 55.8	65.4	3	15.74
9413		Weisse XXI, 623 . .	8.8	26 58.07	65.7	3	3.201	— 8 49 55.6	66.2	4	15.75
9414	37	Capricorni	7.0*	26 58.97	65.7	2	3.385	— 20 42 20.9	65.7	4	15.75
9415		Weisse XXI, 628 . .	7.9	27 0.13	67.1	5	3.200	— 8 46 44.0	67.8	2	15.76
9416		B. A. C. 7492 . . .	6.3	21 27 15.04	64.0	4	+ 3.441	— 24 4 28.0	63.7	2	+ 15.76
9417		Anonymous . . .	8.8	27 17.48	68.1	3	3.199	— 8 43 0.1	68.3	2	15.77
9418		O. Arg. S. 21490 . .	9.2	27 32.73	67.2	2	3.296	— 15 13 9.8	70.7	2	15.78
9419		B. A. C. 7497 . . .	6.0	27 35.34	68.7	2	3.055	+ 1 12 32.1	64.8	3	15.78
9420		Lalande 42034 . . .	6.8	27 54.22	68.8	2	2.431	+ 37 54 27.0	47.7	2	15.80
9421		O. Arg. S. 21492 . .	9.0	21 27 54.84	61.8	2	+ 3.479	— 26 17 23.8	68.2	2	+ 15.80
9422	8	Piscis Australis . .	5.8	28 3.52	63.0	4	3.488	— 26 47 35.7	64.8	2	15.81
9423		Anonymous . . .	8.0	28 10.02	68.7	2	3.313	— 16 19 51.3	57.3	2	15.81
9424		Weisse XXI, 662 . .	7.7	28 10.34	59.8	2	3.226	— 10 36 22.1	68.3	2	15.81
9425		Anonymous . . .	8.0	28 18.00	66.7	2	3.680	— 36 30 34.3	67.8	2	15.82
9426	7	Piscis Australis . .	6.1	21 28 23.77	62.1	8	+ 3.619	— 33 40 17.2	65.2	2	+ 15.83
9427		Lacaille 8854 . . .	7.0	28 24.51	66.7	2	3.680	— 36 30 30.0	67.8	2	15.83
9428		O. Arg. S. 21497 . .	9.0	28 26.23	61.8	2	3.481	— 26 27 14.0	67.1	3	15.83
9429		Anonymous . . .	7.0	28 34.08	68.7	2	3.355	— 19 0 57.2	57.3	2	15.84
9430	ρ	Cygni	4.5*	28 43.07	58.7	2	2.253	+ 44 58 27.5	53.7	4	15.84

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			h. m. s.			"	° ′ ″			"
9431	72 Cygni	5.0	21 29 3.58	68.8	2	+ 2.435	+ 37 54 27.9	47.6	6	+ 15.86
9432	B. A. C. 7508	7.3	29 10.25	62.4	2	0.800	+ 70 12 16.0	61.7	4	15.87
9433	ε Capricorni	4.9	29 14.19	62.7	6	3.371	− 20 5 27.6	59.4	8	15.87
9434	Anonymous	6.5	29 18.82	68.7	2	2.415	+ 38 48 47.5	46.7	1	15.87
9435	Weisse XXI, 685	7.7	29 23.84	67.3	2	3.228	− 10 47 56.7	67.7	2	15.88
9436	B. A. C. 7507	6.0	21 29 32.38	68.7	2	+ 3.354	− 19 3 45.5	56.8	3	+ 15.89
9437	O. Arg. S. 21515	7.5	29 32.51	59.2	2	3.454	− 25 4 37.5	56.5	5	15.89
9438	Weisse XXI, 691	7.8	29 36.27	68.8	3	3.149	− 5 24 43.5	55.7	2	15.89
9439	Anonymous	8.0	29 40.75	67.3	2	3.193	− 8 26 27.9	67.7	2	15.89
9440	O. Arg. S. 21519	7.7	29 41.98	69.7	2	3.441	− 24 19 15.7	55.7	5	15.89
9441	Lacaille 8863	7.1	21 30 6.55	63.7	4	+ 3.470	− 26 4 19.5	63.7	2	+ 15.92
9442	Lacaille 8862	6.6	30 9.41	63.7	2	3.547	− 30 16 6.8	65.2	4	15.92
9443	O. Arg. S. 21525	6.2	30 10.57	68.7	2	3.334	− 17 50 9.1	56.7	4	15.92
9444	ξ Aquarii	5.4*	30 17.81	65.6	49	3.193	− 8 28 48.7	60.2	9	15.93
9445	Anonymous	6.8	30 20.33	64.2	2	3.758	− 40 9 25.9	66.8	2	15.93
9446	B. A. C. 7515	6.0	21 30 22.30	60.2	4	+ 3.086	− 1 0 59.0	53.7	2	+ 15.93
9447	Lalande 42108	8.0	30 36.92	69.2	2	3.238	− 11 32 4.3	55.7	2	15.94
9448	Lacaille 8867	6.5	30 40.30	65.7	2	3.625	− 34 18 22.8	66.8	2	15.95
9449	B. A. C. 7523	7.5	30 56.40	62.5	5	3.451	− 25 4 37.9	57.8	11	15.96
9450	Lacaille 8870	6.6	30 58.06	63.3	6	3.501	− 27 55 55.9	63.8	2	15.96
9451	5 Pegasi	5.5*	21 31 12.43	47.6	1	+ 2.798	+ 18 41 26.5	68.3	2	+ 15.97
9452	74 Cygni	4.9	31 20.26	60.1	3	2.399	+ 39 47 10.0	68.7	2	15.98
9453	Anonymous	8.0	31 24.73	69.2	2	3.669	− 36 28 21.1	67.8	2	15.99
9454	4 Pegasi	5.0*	31 31.09	46.7	3	2.999	+ 5 8 31.0	68.8	2	15.99
9455	Weisse XXI, 739	8.0	31 36.79	65.7	3	3.283	− 14 41 16.2	65.4	3	16.00
9456	Lacaille 8873	6.4	21 32 1.12	66.5	4	+ 3.639	− 35 9 44.9	67.8	2	+ 16.02
9457	O. Arg. S. 21550	8.5*	32 7.17	65.7	3	3.378	− 20 51 12.0	65.7	3	16.02
9458	B. A. C. 7524	6.2	32 7.73	68.7	3	2.428	+ 38 41 19.4	61.5	3	16.03
9459	ζ Capricorni	4.0*	32 19.74	59.4	11	3.322	− 17 17 34.0	60.7	6	16.03
9460	Anonymous	8.0	32 25.	.	.	3.637	− 35 9 6.6	67.8	2	16.04
9461	*d* Aquarii	5.5*	21 32 27.05	45.8	1	+ 3.049	+ 1 36 56.8	68.3	2	+ 16.04
9462	B. A. C. 7528	5.5*	32 29.70	59.2	4	2.786	+ 19 38 5.9	54.3	5	16.04
9463	Weisse XXI, 768	8.0	32 38.09	68.7	2	3.234	− 11 25 54.1	55.8	3	16.05
9464	Weisse (2) XXI, 816	6.0	32 59.73	62.7	1	2.335	+ 42 39 37.0	66.8	2	16.07
9465	Anonymous	8.0	33 9.14	65.3	4	3.446	− 25 3 42.8	69.7	2	16.08
9466	Anonymous	7.0	21 33 18.06	62.6	6	+ 3.594	− 33 9 45.5	64.8	2	+ 16.09
9467	O. Arg. S. 21562	6.6	33 34.85	68.7	3	3.403	− 22 33 42.1	65.6	2	16.10
9468	Weisse XXI, 801	8.5*	33 35.91	68.7	2	3.233	− 11 24 49.4	55.8	3	16.10
9469	Lacaille 8890	6.4	33 44.32	63.0	7	3.456	− 25 44 9.3	64.9	2	16.11
9470	Rumker 9349	7.0	33 48.32	60.3	2	3.292	− 15 28 34.0	55.8	7	16.11

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			h. m. s.			″	° ′ ″			″
9471	Lacaille 8889 . . .	6.8	21 33 52.22	62.4	6	+ 3.592	— 33 8 30.0	64.8	2	+ 16.12
9472	Lacaille 8887 . . .	8.2	33 53.05	63.4	3	3.706	— 38 34 2.5	68.3	2	16.12
9473	B. A. C. 7536 . . .	6.2	33 55.75	67.7	3	3.368	— 20 26 26.9	67.8	2	16.12
9474	42 Capricorni	5.0	33 55.86	67.8	3	3.280	— 14 40 14.4	67.2	2	16.12
9475	Lacaille 8891 . . .	7.5	33 56.62	63.4	3	3.501	— 28 19 17.3	66.8	2	16.12
9476	Lacaille 8892 . . .	7.4	21 34 0.54	63.7	3	+ 3.468	— 26 29 39.9	66.8	2	+ 16.12
9477	41 Capricorni	5.0	34 2.12	64.2	2	3.424	— 23 53 41.5	68.3	2	16.12
9478	O. Arg. S. 21575 . .	7.1	34 4.10	63.7	2	3.497	— 28 6 19.3	68.3	2	16.13
9479	B. A. C. 7538 . . .	6.5	34 5.34	66.8	3	3.843	— 44 7 47.4	68.8	2	16.13
9480	9 Cephei	5.0	34 9.82	67.3	4	1.612	+ 61 27 4.8	60.9	4	16.13
9481	Lalande 42269 . . .	7.2	21 34 11 97	68.8	2	+ 2.431	+ 38 52 55.8	48.7	1	+ 16.13
9482	75 Cygni	5.2	34 41.56	62.7	4	2.342	+ 42 38 21.5	66.8	2	16.16
9483	κ Capricorni	5.0*	34 49.93	50.6	1	3.352	— 19 30 8.5	69.3	2	16.16
9484	Weisse (2) XXI, 871 .	7.5*	35 7.	. .	.	2.539	+ 34 2 25.6	47.3	2	16.18
9485	B. A. C. 7549 . . .	7.1	35 21.26	63.0	9	3.436	— 24 46 42.4	56.7	6	16.19
9486	B. A. C. 7550 . . .	6.2	21 35 23.34	65.6	6	+ 3.363	— 20 15 28.4	67.7	2	+ 16.19
9487	Lacaille 8896 . . .	6.2	35 51.77	63.4	3	3.713	— 39 11 9.6	68.1	3	16.22
9488	O. Arg. S. 21596 . .	8.6	36 13.97	68.7	2	3.340	— 18 49 11.7	64.8	2	16.24
9489	Anonymous . . .	7.0	36 19.14	68.7	2	2.483	+ 36 54 50.2	47.7	2	16.24
9490	Lacaille 8900 . . .	7.2	36 21.07	63.4	3	3.709	— 39 4 52.5	67.3	2	16.24
9491	45 Capricorni	6.0*	21 36 22.05	59.7	2	+ 3.288	— 15 23 19.1	59.7	8	+ 16.25
9492	Lacaille 8902 . . .	7.0	36 31.59	63.2	5	3.446	— 25 32 49.5	63.8	2	16.25
9493	ι Piscis Australis . .	5.0	36 35.77	66.4	3	3.594	— 33 39 46.3	67.3	2	16.26
9494	B. A. C. 7558 . . .	8.0*	36 37.02	59.6	2	3.306	— 16 36 33.9	53.8	2	16.26
9495	77 Cygni	6.0	36 45.05	64.2	4	2.405	— 40 26 21.0	63.8	4	16.27
9496	Anonymous . . .	7.2	21 36 55.25	68.8	2	+ 2.407	+ 40 24 33.8	53.8	2	+ 16.27
9497	Lalande 42355 . . .	5.8	37 4.33	68.7	2	3.145	— 5 22 14.7	55.7	2	16.28
9498	π^1 Cygni	5.0	37 7.73	68.8	2	2.123	+ 50 33 6.7	57.8	3	16.28
9499	Anonymous . . .	6.5	37 7.84	68.7	2	2.478	+ 37 15 56.4	48.1	3	16.28
9500	O. Arg. N. 22729 . .	7.0	37 11.89	69.3	2	0.847	+ 70 40 36.7	65.2	1	16.29
9501	Weisse XXI, 896 . .	8.0	21 37 12.99	63.2	3	+ 2.945	+ 9 15 56.7	68.3	2	+ 16.29
9502	ε Pegasi	2.3*	37 18.56	54.0	253	2.945	+ 9 14 5.5	51.3	143	16.29
9503	Lacaille 8907 . . .	7.0	37 20.86	63.5	5	3.500	— 28 46 3.8	64.8	2	16.29
9504	Lacaille 8906 . . .	7.5	37 23.07	62.8	4	3.510	— 29 21 55.8	67.3	2	16.30
9505	B. A. C. 7562 . . .	6.5	37 27.06	66.3	2	3.205	— 9 40 41.0	66.8	2	16.30
9506	Anonymous . . .	6.0	21 37 28.80	68.7	2	+ 2.477	+ 37 22 42.8	48.2	4	+ 16.30
9507	B. A. C. 7565 . . .	6.0*	37 29.04	60.7	1	2.406	+ 40 30 59.2	53.8	3	16.30
9508	σ^1 Capricorni	5.5	37 32.25	66.3	2	3.205	— 9 43 24.5	69.7	4	16.30
9509	79 Cygni	5.8	37 38.29	68.8	2	2.472	+ 37 38 38.3	57.8	4	16.31
9510	Weisse (2) XXI, 733 .	6.9	37 49.39	68.8	2	2.472	+ 37 39 56.2	68.8	2	16.32

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			h. m. s.			"	° ′ ″			"
9511	μ Cygni, (1st *) . . .	5.5	21 37 53.08	67.4	4	+ 2.657	+ 28 6 41.6	59.0	9	+ 16.32
9512	μ Cygni, (2d *) . . .	6.5	37 53.48	69.4	3	2.657	+ 28 6 38.7	61.4	3	16.32
9513	Lacaille 8911 . . .	6.5	38 4.65	62.6	5	3.583	− 33 21 25.9	67.7	2	16.32
9514	B. A. C. 7570 . . .	6.8	38 6.65	69.4	3	2.657	+ 28 8 33.5	57.7	2	16.33
9515	Weisse XXI, 916 . .	8.0	38 11.26	61.8	2	3.084	− 0 51 6.5	68.3	2	16.34
9516	ϵ^2 Capricorni	8.2	21 38 47.90	67.7	2	+ 3.207	− 9 55 11.6	56.8	3	+ 16.37
9517	O. Arg. S. 21629 . .	8.8	38 54.52	68.7	2	3.335	− 18 47 53.9	64.8	2	16.37
9518	Anonymous. . . .	8.2	38 55.79	68.8	2	3.229	− 11 27 42.7	55.8	3	16.37
9519	λ Capricorni	5.5	38 59.68	66.1	4	3.236	− 12 0 35.0	57.7	2	16.38
9520	Lacaille 8915 . . .	5.7	39 1.57	63.7	2	3.688	− 38 35 49.4	66.8	2	16.38
9521	Anonymous . . .	8.0	21 39 5.00	68.8	2	+ 2.450	+ 38 52 57.0	46.7	2	+ 16.38
9522	Weisse XXI, 933 . .	7.0	39 9.04	65.7	3	3.241	− 12 20 14.4	66.2	4	16.39
9523	δ Capricorni	3.5*	39 18.45	53.1	23	3.304	− 16 45 37.4	55.1	12	16.39
9524	θ Piscis Australis . .	5.7	39 30.59	62.2	5	3.544	− 31 32 39.2	69.3	2	16.40
9525	O. Arg. S. 21635 . .	8.8	39 31.95	68.7	2	3.420	− 24 19 0.3	55.7	2	16.40
9526	Lacaille 8918 . . .	6.8	21 39 35.06	63.1	6	+ 3.488	− 28 23 44.1	65.2	4	+ 16.41
9527	B. A. C. 7584 . . .	6.5	39 35.81	59.2	2	2.715	+ 24 56 23.4	63.2	4	16.41
9528	11 Cephei	4.7	39 51.34	63.5	4	0.884	+ 70 40 2.5	63.3	10	16.42
9529	Anonymous . . .	6.5	39 52.71	68.7	2	3.320	− 17 56 26.6	56.7	4	16.42
9530	Anonymous . . .	9.4	39 53.41	65.8	2	3.089	− 1 17 24.5	65.8	2	16.42
9531	O. Arg. S. 21645 . .	7.4	21 39 59.19	68.7	2	+ 3.334	− 18 51 32.8	64.8	2	+ 16.43
9532	B. A. C. 7586 . . .	6.0	40 1.59	64.7	2	2.716	+ 24 55 1.5	71.3	6	16.43
9533	Schjellerup 8841 . .	9.3	40 2.88	67.3	2	3.088	− 1 10 18.8	69.1	3	16.43
9534	Lacaille 8923 . . .	7.1	40 7.58	63.4	6	3.454	− 26 31 25.3	64.8	2	16.44
9535	27 Aquarii	6.0	40 7.99	65.7	3	3.045	+ 2 2 26.3	60.1	3	16.44
9536	Anonymous . . .	9.1	21 40 8.89	67.3	2	+ 3.088	− 1 10 39.7	69.2	4	+ 16.44
9537	B. A. C. 7590 . . .	7.5*	40 25.20	58.7	2	2.845	+ 16 32 54.9	53.7	2	16.45
9538	Weisse XXI, 965 . .	8.6	40 27.77	69.7	2	3.238	− 12 17 5.5	69.7	3	16.45
9539	Anonymous . . .	8.5	40 31.69	68.6	1	3.335	− 19 0 51.8	70.7	1	16.45
9540	Lalande 42507 . . .	6.0	40 55.71	68.7	2	2.497	+ 37 0 44.2	47.8	2	16.48
9541	Anonymous . . .	. .	21 40 58.	. .	.	+ 3.416	− 24 17 11.6	55.8	2	+ 16.48
9542	Anonymous . . .	9.0	41 6.26	65.7	3	3.050	+ 1 38 42.4	65.7	2	16.48
9543	78 Draconis	5.5	41 20.62	68.7	2	0.776	+ 71 40 43.1	57.7	3	16.50
9544	Lacaille 8929 . . .	7.5	41 29.51	63.0	4	3.693	− 39 15 28.6	63.2	2	16.50
9545	O. Arg. S. 21668 . .	7.3	41 34.11	68.8	2	3.334	− 19 2 9.6	56.7	2	16.51
9546	B. A. C. 7596 . . .	6.4	21 41 41.66	69.7	2	+ 3.152	− 6 3 5.4	67.8	2	+ 16.51
9547	Lacaille 8934 . . .	7.2	41 48.99	62.6	8	3.476	− 28 3 12.5	66.0	4	16.52
9548	Weisse XXI, 988 . .	8.1	41 51.02	65.8	2	3.264	− 14 14 35.9	68.3	2	16.52
9549	Anonymous . . .	9.1	41 51.24	67.3	2	3.045	+ 2 0 23.9	69.8	1	16.52
9550	B. A. C. 7599 . . .	5.5	42 6.90	48.7	1	3.252	− 13 22 26.2	68.8	2	16.53

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			h. m. s.			"	° ′ ″			"
9551	Weisse (2) XXI, 1031 .	7.0*	21 42 14.61	47.3	2	+ 2.524	+ 35 55 56.6	47.3	2	+ 16.54
9552	O. Arg. S. 21677 . . .	7.4	42 30.23	66.3	2	3.473	− 27 59 2.4	66.7	2	16.55
9553	Weisse XXI, 1002. .	7.5	42 32.49	65.7	3	3.236	− 12 15 27.2	66.2	4	16.56
9554	Lacaille 8937 . . .	7.1	42 40.50	63.1	6	3.483	− 28 35 2.7	63.7	3	16.56
9555	Lalande 42563 . . .	5.6	42 40.65	68.8	2	2.483	+ 37 59 57.2	47.5	3	16.56
9556	Anonymous . . .	9.0	21 42 56.69	65.7	3	+ 3.045	+ 2 2 28.8	65.7	2	+ 16.57
9557	Anonymous . . .	9.5	43 0.66	65.7	2	3.044	+ 2 10	. .	.	16.58
9558	Anonymous . . .	8.0	43 20.49	68.7	2	3.142	− 5 18 3.2	55.7	2	16.59
9559	Lacaille 8941 . . .	6.8	43 26.21	62.2	7	3.405	− 23 55 10.1	64.8	3	16.60
9560	O. Arg. S. 21687 . .	7.4	43 27.19	68.7	2	3.472	− 28 3 6.0	68.2	2	16.60
9561	Anonymous . . .	7.1	21 43 27.49	68.8	2	+ 2.492	+ 37 41 49.7	48.7	1	+ 16.60
9562	Anonymous . . .	8.8	43 29.01	70.7	2	3.611	− 35 41 14.0	70.7	3	16.60
9563	Anonymous . . .	7.0	43 34.64	68.8	2	2.519	+ 36 25 51.4	47.7	2	16.61
9564	Weisse XXI, 1033 . .	8.2	43 58.98	63.8	2	3.260	− 14 8 54.8	66.7	2	16.63
9565	Weisse XXI, 1037 . .	8.6	44 5.24	65.7	3	3.040	+ 2 27 13.4	65.8	2	16.63
9566	Lacaille 8945 . . .	8.8	21 44 18.31	63.8	1	+ 3.627	− 36 39 18.0	66.8	2	+ 16.64
9567	Anonymous . . .	8.7	44 21.49	66.8	2	3.340	− 19 47 17.3	67.8	3	16.64
9568	Lacaille 8947 . . .	8.0	44 25.58	63.2	4	3.468	− 27 58 11.1	65.4	3	16.65
9569	B. A. C. 7610 . . .	7.0	44 32.48	61.0	6	1.079	+ 69 30 7.5	53.7	2	16.65
9570	Lacaille 8948 . . .	6.5	44 47.60	68.7	2	3.644	− 37 33 1.5	66.3	2	16.67
9571	O. Arg. S. 21710 . .	8.2	21 45 15.56	63.8	3	+ 3.339	− 19 48 22.4	66.8	3	+ 16.68
9572	Weisse XXI, 1063. .	8.8	45 16.28	70.7	2	3.150	− 6 1 12.0	70.7	1	16.68
9573	B. A. C. 7614 . . .	6.1	45 17.58	68.7	2	2.474	+ 38 52 57.3	47.4	3	16.69
9574	) Gruis	2.5	45 26.38	62.2	4	3.651	− 38 1 17.4	64.8	2	16.70
9575	B. A. C. 7616 . . .	7.0	45 26.89	45.5	2	3.132	− 4 38 53.9	68.3	2	16.70
9576	B. A. C. 7617 . . .	7.0*	21 45 30.90	59.6	2	+ 3.219	− 11 13 2.5	54.7	2	+ 16.70
9577	Anonymous . . .	9.2	45 33.39	65.7	2	3.165	− 7 9 13.7	72.7	2	16.70
9578	μ Capricorni	4.8	45 39.65	64.4	45	3.259	− 14 12 31.3	62.8	4	16.71
9579	Weisse XXI, 1071. .	8.0	45 45.36	59.7	2	3.268	− 14 50 47.8	55.9	7	16.71
9580	Lacaille 8952 . . .	6.0	45 54.49	66.3	2	3.623	− 36 43 7.6	69.1	6	16.72
9581	Anonymous . . .	9.8	21 45 55.39	67.3	2	+ 3.033	+ 3 1 2.3	69.2	2	+ 16.72
9582	O. Arg. N. 22961 . .	8.5	45 58.76	64.3	2	1.097	+ 69 30 47.8	61.2	2	16.72
9583	Anonymous . . .	7.0	46 4.29	61.8	1	3.622	− 36 41	. .	.	16.73
9584	B. A. C. 7620 . . .	6.0*	46 6.85	58.7	3	3.215	− 10 58 7.6	56.9	9	16.73
9585	Anonymous . . .	6.8	46 7.30	68.8	2	2.501	+ 37 46 26.7	47.8	1	16.73
9586	Anonymous . . .	7.1	21 46 11.88	68.8	5	+ 2.490	+ 38 17 51.6	46.8	3	+ 16.73
9587	15 Pegasi	6.0	46 14.96	57.3	3	2.678	+ 28 8 22.8	57.7	7	16.74
9588	Anonymous . . .	7.4	46 25.35	68.8	4	2.492	+ 38 15 54.7	46.8	1	16.74
9589	Anonymous . . .	8.8	46 31.60	68.7	2	3.220	− 11 22 35.1	55.8	2	16.75
9590	Weisse XXI, 1085. .	9.0	46 34.94	65.7	2	3.164	− 7 10 20.0	65.8	3	16.75

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			h. m. s.			"	° ′ ″			"
9591	16 Pegasi	5.5*	21 46 41.59	60.2	17	+ 2.725	+ 25 16 3.8	57.8	15	+ 16.76
9592	Weisse XXI, 1087. .	8.6	46 45.34	65.7	3	3.228	— 12 1 19.7	66.9	6	16.76
9593	Anonymous . . .	9.2	46 51.12	65.7	2	3.228	— 12 0 49.9	71.8	2	16.76
9594	Weisse (2) XXI, 1140.	6.0	46 58.13	69.2	2	2.495	+ 38 10 43.3	46.8	1	16.77
9595	Radcliffe 5438 . . .	7.0	47 16.27	58.8	2	2.022	+ 55 8 4.0	67.8	2	16.79
9596	B. A. C. 7631 . . .	7.0*	21 47 16.88	58.8	2	+ 2.022	+ 55 8 23.5	54.3	5	+ 16.79
9597	B. A. C. 7630 . . .	7.0	47 22.28	60.6	2	3.280	— 15 55 0.1	59.4	6	16.79
9598	Anonymous . . .	8.2	47 28.22	68.7	3	3.404	— 24 23 44.8	55.8	2	16.79
9599	Anonymous . . .	9.3	47 28.38	67.3	2	3.032	+ 3 5 33.1	65.7	2	16.80
9600	Weisse XXI, 1106 .	8.0	47 29.55	65.7	5	3.236	— 12 37 47.5	65.7	3	16.80
9601	Lacaille 8965 . . .	6.8	21 47 45.29	62.2	12	+ 3.515	— 31 15 57.9	63.8	2	+ 16.81
9602	Lalande 42700 . . .	7.5	47 49.36	59.9	2	3.364	— 21 47 58.2	52.6	8	16.81
9603	O. Arg. S. 21737 . .	7.5	47 49.69	59.7	2	3.392	— 23 42 47.1	67.7	2	16.81
9604	B. A. C. 7632 . . .	5.9	47 56.46	62.5	8	3.640	— 37 54 53.7	65.3	2	16.82
9605	Lacaille 8967 . . .	7.5	48 34.30	63.8	3	3.600	— 36 1 21.9	66.8	3	16.85
9606	Anonymous. . . .	9.0	21 48 46.51	68.7	1	+ 3.356	— 21 25 38.5	53.3	4	+ 16.86
9607	Lacaille 8968 . . .	7.2	49 1.47	70.7	2	3.141	— 5 25 5.3	70.7	2	16.87
9608	B. A. C. 7639 . . .	6.3	49 2.24	63.1	6	3.443	— 27 8 24.1	63.8	2	16.87
9609	Weisse XXI, 1139. .	7.8	49 3.11	62.0	3	3.315	— 18 33 37.0	67.8	2	16.87
9610	Weisse (2) XXI, 1196 .	6.0	49 22.56	68.7	2	2.558	+ 35 29 7.2	47.3	2	16.88
9611	O. Arg. S. 21759 . .	8.7	21 49 41.74	68.7	3	+ 3.360	— 21 46 56.3	70.2	2	+ 16.90
9612	O. Arg. S. 21760 . .	8.7	49 42.44	68.7	3	3.360	— 21 48 32.5	70.2	2	16.90
9613	17 Pegasi	6.0*	50 6.86	51.3	5	2.927	+ 11 24 47.3	54.1	5	16.92
9614	μ Cephei	5.7	50 10.99	62.7	5	2.010	+ 55 56 58.0	65.7	2	16.92
9615	B. A. C. 7644 . . .	7.0*	50 16.22	58.8	2	0.887	+ 71 49 47.1	53.7	2	16.93
9616	Rumker XXI, 163 . .	9.2	21 50 30.40	60.8	2	+ 3.352	— 21 24 5.6	54.3	4	+ 16.94
9617	B. A. C. 7647 . . .	6.0	50 49.40	62.5	3	3.652	— 39 3 44.7	67.3	2	16.95
9618	B. A. C. 7648 . . .	7.0*	50 51.42	46.8	12	3.241	— 13 19 59.3	46.8	11	16.95
9619	B. A. C. 7650 . . .	5.7	50 52.91	45.7	3	3.148	— 6 5 14.1	67.8	2	16.95
9620	B. A. C. 7649 . . .	6.0	50 54.91	62.7	4	3.358	— 21 50 56.3	55.9	9	16.96
9621	Lalande 42813 . . .	8.5	21 51 4.80	59.2	2	+ 3.335	— 20 16 25.3	55.4	3	+ 16.97
9622	79 Draconis	6.0*	51 7.61	64.5	5	0.735	+ 73 2 25.7	63.8	6	16.97
9623	O. Arg. S. 21772 . .	8.2	51 18.14	64.4	6	3.397	— 24 33 25.5	66.7	2	16.98
9624	O. Arg. S. 21774 . .	7.1	51 23.61	64.4	7	3.396	— 24 29 58.2	66.7	2	16.98
9625	B. A. C. 7652 . . .	6.2	51 25.15	64.4	6	3.382	— 23 32 23.4	59.7	9	16.98
9626	Lacaille 8981 . . .	7.4	21 51 26.28	63.8	2	+ 3.478	— 29 43 24.3	65.3	2	+ 16.98
9627	Anonymous . . .	. .	51 32.58	66.2	4	3.340	— 20 40 18.3	58.0	4	16.99
9628	11 Piscis Australis . .	6.8	51 32.80	62.4	5	3.455	— 28 17 51.5	62.5	3	16.99
9629	Lacaille 8985 . . .	7.0	51 45.33	62.5	3	3.502	— 31 11 37.0	66.6	2	17.00
9630	O. Arg. S. 21789 . .	9.2	52 1.64	68.8	2	3.348	— 21 18 8.7	55.7	2	17.01

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			h. m. s.			″	° ′ ″			″
9631	Lalande 42878 . . .	7.3	21 52 13.41	68.7	2	+ 2.514	+ 38 15 39.2	48.8	1	+ 17.02
9632	Anonymous . . .	9.2	52 39.84	65.7	1	3.230	— 12 39 39.9	68.8	2	17.04
9633	Lacaille 8989 . . .	6.0	52 46.15	63.7	1	3.463	— 28 59 42.8	66.8	2	17.04
9634	η Piscis Australis . .	6.0	52 47.08	60.4	3	3.465	— 29 7 26.0	65.2	4	17.04
9635	O. Arg. S. 21796 . .	7.0	52 49.67	59.7	1	3.385	— 23 57 49.8	68.3	2	17.05
9636	Weisse XXI, 1223. .	9.0*	21 52 51.84	46.8	2	+ 3.241	— 13 31 22.7	46.8	3	+ 17.05
9637	O. Arg. S. 21800 . .	8.8	53 8.02	68.7	2	3.342	— 21 0 47.7	57.0	3	17.06
9638	18 Pegasi	6.0	53 8.35	58.8	2	2.998	+ 6 2 52.5	58.8	2	17.06
9639	Lacaille 8993 . . .	7.1	53 12.12	62.7	2	3.555	— 34 30 12.5	64.8	2	17.06
9640	Weisse XXI, 1240. .	7.7	53 32.21	57.8	2	3.243	— 13 41 37.5	57.8	2	17.08
9641	Anonymous . . .	9.1	21 53 51.60	64.4	2	+ 3.346	— 21 23 46.5	68.8	2	+ 17.09
9642	Weisse XXI, 1253. .	8.0	54 9.02	68.8	2	3.229	— 12 39 45.2	68.5	3	17.11
9643	Weisse XXI, 1255. .	8.1	54 10.12	68.8	2	3.229	— 12 39 55.7	68.5	3	17.11
9644	Weisse (2) XXI, 1331 .	6.2	54 11.84	68.7	2	2.602	+ 33 57 33.8	61.5	3	17.11
9645	Lacaille 9000 . . .	6.7	54 22.58	62.2	6	3.521	— 32 48 28.8	66.8	2	17.12
9646	B. A. C. 7665 . . .	6.2	21 54 29.15	66.8	2	+ 3.306	— 18 34 24.5	64.2	4	+ 17.12
9647	Lacaille 9003 . . .	6.7	54 41.63	62.8	6	3.442	— 28 2 18.6	64.8	1	17.13
9648	29 Aquarii, (1st *) . . .	7.0	54 46.41	68.8	2	3.293	— 17 38 16.4	64.8	1	17.13
9649	29 Aquarii, (2d *) . . .	7.0	54 46.72	68.8	2	3.293	— 17 38 13.8	64.8	2	17.13
9650	Lacaille 9005 . . .	7.5	55 9.68	63.8	5	3.436	— 27 43 28.5	72.7	2	17.15
9651	Lacaille 9004 . . .	7.2	21 55 10.74	63.1	7	+ 3.481	— 30 34 39.6	66.8	2	+ 17.15
9652	Anonymous . . .	9.0	55 17.58	68.7	2	3.211	— 11 19 51.6	55.8	2	17.15
9653	O. Arg. S. 21828 . .	8.8	55 23.89	68.7	2	3.414	— 26 19 32.3	67.3	2	17.16
9654	O. Arg. S. 21829 . .	9.0	55 26.06	68.7	2	3.334	— 20 47 5.2	56.2	2	17.16
9655	Lacaille 9007 . . .	7.8	55 35.23	62.5	3	3.471	— 30 1 17.9	67.3	2	17.17
9656	O. Arg. S. 21832 . .	9.0	21 55 39.44	60.7	2	+ 3.356	— 22 22 34.1	56.4	5	+ 17.18
9657	30 Aquarii	5.5*	55 54.40	65.7	2	3.159	— 7 11 51.4	66.8	2	17.19
9658	Lacaille 9006 . . .	7.0	55 54.53	66.8	3	3.641	— 39 33 2.0	66.8	2	17.19
9659	O. Arg. S. 21836 . .	8.4	55 55.95	67.3	2	3.400	— 25 29 37.2	67.8	2	17.19
9660	O. Arg. S. 21837 . .	8.4	55 56.49	67.3	2	3.401	— 25 31 18.8	67.8	2	17.19
9661	o Aquarii	4.5	21 56 4.23	45.6	3	+ 3.106	— 2 49 46.3	67.8	2	+ 17.19
9662	Weisse (2) XXI, 1398 .	6.5	56 15.58	69.2	2	2.567	+ 36 18 24.1	46.8	2	17.20
9663	13 Piscis Australis . .	6.6	56 19.03	63.4	5	3.478	— 30 35 33.8	66.8	2	17.21
9664	O. Arg. S. 21841 . .	8.0	56 21.73	64.8	2	3.356	— 22 27 22.2	58.0	12	17.21
9665	B. A. C. 7677 . . .	6.5*	56 29.76	59.2	2	0.627	+ 74 19 35.9	54.2	4	17.21
9666	Lacaille 9012 . . .	6.7	21 56 37.80	63.2	2	+ 3.454	— 29 6 44.8	64.8	2	+ 17.22
9667	B. A. C. 7675 . . .	6.8	56 38.54	66.4	3	3.429	— 27 29 53.3	61.7	2	17.22
9668	Anonymous . . .	8.2	57 9.14	68.7	3	3.317	— 19 45 8.8	55.5	3	17.24
9669	Anonymous . . .	8.8	57 16.20	69.2	2	3.428	— 27 31 36.5	55.8	1	17.25
9670	B. A. C. 7680 . . .	8.0*	57 16.28	58.8	2	3.138	— 5 31 0.5	53.7	2	17.25

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			h. m. s.			"	° ′ ″			"
9671	32 Aquarii	4.7	21 57 35.22	46.2	3	+ 3.091	— 1 34 55.0	67.8	2	+ 17.26
9672	λ Gruis.	4.5	57 39.77	62.7	6	3.647	— 40 13 3.2	65.3	2	17.27
9673	O. Arg. S. 21869 . .	7.8	58 5.90	60.6	3	3.310	— 19 20 50.1	57.0	10	17.29
9674	Weisse XXI, 1333. .	9.0	58 7.53	61.9	3	3.199	— 10 34 29.7	58.3	4	17.29
9675	Anonymous . . .	8.1	58 7.80	68.7	2	3.325	— 20 27 8.1	49.8	3	17.29
9676	O. Arg. S. 21877 . .	8.4	21 58 11.80	68.7	2	+ 3.313	— 19 36 37.2	56.1	3	+ 17.29
9677	O. Arg. S. 21876 . .	6.5	58 12.86	68.7	2	3.454	— 29 23 4.0	67.3	2	17.29
9678	Anonymous . . .	9.0	58 16.01	69.7	1	3.425	— 27 31 34.4	67.8	1	17.29
9679	*a* Aquarii	3.0*	58 35.50	53.1	196	3.084	— 0 59 54.2	51.5	88	17.31
9680	ι Aquarii	4.5*	58 52.35	54.4	20	3.247	— 14 32 50.0	55.0	6	17.32
9681	23 Pegasi	6.0*	21 59 14.16	46.7	1	+ 2.710	+ 28 17 8.1	46.7	1	+ 17.33
9682	*a* Gruis	2.0*	59 23.34	52.2	18	3.808	— 47 38 14.3	56.9	5	17.34
9683	B. A. C. 7694 . . .	6.6	59 26.66	63.9	2	3.356	— 22 55 18.8	65.2	2	17.34
9684	O. Arg. S. 21896 . .	7.8	59 42.18	65.7	1	3.319	— 20 15 0.3	67.7	2	17.36
9685	Lacaille 9027 . . .	7.2	59 45.21	63.7	2	3.385	— 25 4 22.9	66.8	2	17.36
9686	B. A. C. 7697 . . .	6.0	21 59 50.37	64.7	2	+ 3.204	— 11 7 40.5	53.8	2	+ 17.36
9687	Weisse XXI, 1375. .	9.0	59 51.92	64.8	2	3.188	— 9 51 48.3	58.4	4	17.36
9688	O. Arg. S. 21903 . .	9.5	21 59 54.67	65.7	5	3.389	— 25 22 39.1	65.7	3	17.37
9689	O. Arg. S. 21904 . .	6.2	22 0 0.39	68.7	3	3.253	— 15 10 16.6	66.2	2	17.37
9690	Lalande 43106 . . .	8.0	0 3.58	60.8	2	3.346	— 22 16 26.3	55.5	3	17.37
9691	O. Arg. N. 23362 . .	8.0	22 0 6.20	67.3	2	+ 2.191	+ 52 49 50.9	69.0	4	+ 17.37
9692	O. Arg. S. 21909 . .	7.8	0 11.81	67.9	3	3.359	— 23 17 44.7	69.7	2	17.38
9693	B. A. C. 7702 . . .	5.5	0 13.63	66.7	2	3.535	— 34 43 27.9	66.1	3	17.38
9694	Weisse XXI, 1384. .	8.0	0 19.45	61.9	3	3.199	— 10 45 35.0	58.5	4	17.38
9695	O. Arg. S. 21910 . .	7.4	0 24.32	63.8	2	3.375	— 24 24 54.9	66.8	2	17.39
9696	ι Pegasi	5.0	22 0 29.89	65.6	2	+ 2.766	+ 24 39 44.9	67.7	2	+ 17.39
9697	Anonymous . . .	9.5	0 31.01	65.7	1	2.190	+ 52 57 20.1	69.8	2	17.39
9698	O. Arg. S. 21912 . .	7.8	0 33.78	68.7	2	3.295	— 18 30 53.3	64.9	1	17.39
9699	O. Arg. N. 23385 . .	6.8	0 50.30	67.1	5	2.192	+ 52 56 34.1	66.5	4	17.41
9700	O. Arg. S. 21915 . .	9.2	0 55.09	68.8	2	3.345	— 22 22 19.7	66.8	2	17.41
9701	Weisse XXI, 1398. .	9.0*	22 1 4.50	47.6	2	+ 3.218	— 12 17 47.2	47.9	1	+ 17.41
9702	35 Aquarii	5.7	1 17.99	69.8	5	3.302	— 19 12 11.3	56.7	7	17.43
9703	Anonymous . . .	7.8	1 22.87	67.2	2	3.633	— 40 18 29.1	67.8	1	17.43
9704	O. Arg. N. 23425 . .	8.5	1 24.28	67.7	2	2.193	+ 53 2 43.3	69.8	1	17.43
9705	O. Arg. S. 21923 . .	8.3	1 25.03	70.2	4	3.302	+ 19 10 6.1	68.9	2	17.43
9706	O. Arg. S. 21925 . .	6.9	22 1 38.44	64.0	8	+ 3.371	— 24 20 39.3	66.8	2	+ 17.44
9707	O. Arg. N. 23438 . .	7.8	1 38.63	67.2	2	2.213	+ 52 27 38.5	69.3	2	17.44
9708	Lacaille 9036 . . .	5.0	1 44.37	62.6	2	3.529	— 34 42 2.9	66.1	3	17.44
9709	Anonymous. . . .	9.0	1 48.48	69.7	1	2.197	+ 53 0 30.5	69.8	1	17.45
9710	15 Piscis Australis . .	5.5*	1 55.70	50.8	2	3.504	— 33 14 3.1	50.8	6	17.45

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			h. m. s.			″	° ′ ″			″
9711	B. A. C. 7715 . . .	6.4	22 2 0.74	63.0	6	+ 3.437	− 28 58 43.4	63.8	2	+ 17.46
9712	36 Aquarii	7.1	2 2.54	58.7	3	3.175	− 8 52 19.8	64.8	2	17.46
9713	Weisse XXII, 13 . .	8.0	2 5.87	61.5	3	3.182	− 9 29 6.9	58.0	5	17.46
9714	O. Arg. N. 23452 . .	6.0	2 14.94	65.7	4	2.212	+ 52 37 27.5	65.1	3	17.47
9715	Anonymous. . . .	6.5	2 37.61	65.7	2	3.627	− 40 13 50.6	68.7	2	17.48
9716	O. Arg. S. 21941 . .	8.8	22 2 41.62	67.2	2	+ 3.367	− 24 14 19.9	68.3	2	+ 17.49
9717	π^1 Pegasi	6.0	3 1.58	57.2	4	+ 2.656	+ 32 29 21.7	57.8	3	17.50
9718	B. A. C. 7732 . . .	7.5	3 2.18	66.1	4	− 1.693	+ 82 11 38.8	66.8	2	17.50
9719	Lacaille 9045 . . .	7.7	3 6.54	65.7	5	+ 3.596	− 38 44 2.9	69.8	6	17.50
9720	e^2 Aquarii	6.0*	3 8.16	47.6	22	3.214	− 12 15 5.9	47.7	9	17.50
9721	Anonymous . . .	8.3	22 3 8.27	68.8	1	+ 2.585	+ 36 43 39.4	47.8	1	+ 17.50
9722	B. A. C. 7735 . . .	7.3	3 9.61	69.7	1	− 1.689	+ 82 11 42.7	66.8	2	17.51
9723	B. A. C. 7724 . . .	7.0*	3 15.93	59.2	2	+ 3.334	− 21 55 6.5	55.5	3	17.51
9724	Lacaille 9046 . . .	6.2	3 26.10	63.2	2	3.539	− 35 39 9.4	59.5	3	17.52
9725	B. A. C. 7729 . . .	7.0	3 30.84	62.0	14	3.416	− 27 50 18.9	63.8	2	17.52
9726	Lacaille 9047 . . .	7.0	22 3 41.75	63.3	5	+ 3.598	− 38 59 32.4	67.9	2	+ 17.53
9727	π^2 Pegasi	4.0*	3 46.34	45.7	4	2.658	+ 32 29 31.9	57.8	3	17.53
9728	O. Arg. S. 21962 . .	9.0	3 56.64	67.2	2	3.404	− 27 6 43.3	67.8	1	17.54
9729	O. Arg. S. 21964 . .	9.0	4 0.50	63.7	2	3.335	− 22 3 41.0	70.3	2	17.54
9730	Lacaille 9058 . . .	6.3	4 3.66	63.7	3	3.402	− 27 1 0.2	66.8	2	17.54
9731	Lacaille 9052 . . .	7.0	22 4 4.23	65.3	2	+ 3.633	− 40 53 27.3	69.8	2	+ 17.54
9732	Weisse XXII, 59 . .	7.5	4 6.81	68.7	2	3.206	− 11 42 49.2	47.9	2	17.55
9733	O. Arg. S. 21966 . .	9.0	4 38.55	64.2	4	3.292	− 18 49 3.2	54.8	3	17.57
9734	B. A. C. 7739 . . .	7.0	4 41.40	61.9	10	3.412	− 27 46 25.2	66.8	2	17.57
9735	Anonymous . . .	9.0	4 43.64	47.8	1	3.212	− 12 17 10.6	58.3	2	17.57
9736	B. A. C. 7740 . . .	7.0*	22 4 48.93	47.7	5	+ 3.206	− 11 45 16.9	47.7	5	+ 17.58
9737	39 Aquarii	5.0	4 52.55	65.1	2	3.243	− 14 52 53.0	64.8	2	17.58
9738	Lalande 43288 . . .	8.3	4 54.09	60.1	3	3.290	− 18 43 0.5	55.3	4	17.58
9739	O. Arg. S. 21972 . .	9.1	5 1.78	65.7	2	3.334	− 22 11 34.7	67.8	1	17.58
9740	O. Arg. S. 21975 . .	6.0	5 3.65	64.7	2	3.400	− 27 1 0.1	66.8	2	17.59
9741	Lalande 43319 . . .	6.8	22 5 4.71	68.8	2	+ 2.611	+ 35 38 26.7	47.8	2	+ 17.59
9742	B. A. C. 7742 . . .	6.0	5 5.72	70.7	2	2.896	+ 15 21 7.2	68.7	2	17.59
9743	Lalande 43320 . . .	8.0	5 6.81	68.8	2	2.595	+ 36 36 17.7	55.1	3	17.59
9744	O. Arg. S. 21980 . .	9.0	5 9.00	65.7	2	3.334	− 22 10 23.0	68.8	2	17.59
9745	O. Arg. S. 21983 . .	8.0	5 10.32	67.2	2	3.402	− 27 11 8.3	55.8	2	17.59
9746	O. Arg. S. 21987 . .	8.2	22 5 24.22	65.7	2	+ 3.332	− 22 5 46.6	57.2	2	+ 17.60
9747	B. A. C. 7744 . . .	6.0	5 26.36	48.7	1	3.133	− 5 24 34.1	67.8	2	17.60
9748	B. A. C. 7745 . . .	6.2	5 52.06	62.8	7	3.382	− 25 52 20.1	64.8	2	17.62
9749	ζ Cephei	4.0*	6 0.00	65.8	2	2.070	+ 57 30 42.5	61.0	5	17.63
9750	O. Arg. S. 22002 . .	7.0	6 21.74	65.7	2	3.330	− 22 6 12.3	57.2	2	17.64

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			h. m. s.			″	° ′ ″			″
9751	λ Piscis Australis . .	6.1	22 6 22.18	58.9	8	+ 3.417	− 28 27 34.[illegible]	67.3	2	+ 17.64
9752	Weisse XXI, 105 . .	9.0*	6 26.73	47.6	2	3.210	− 12 16 50.3	47.6	2	17.64
9753	B. A. C. 7752 . . .	7.0*	6 34.00	54.4	3	3.129	− 5 8 33.8	54.1	6	17.65
9754	B. A. C. 7753 . . .	5.2	6 36.35	68.7	2	2.645	+ 33 54 56.3	47.8	3	17.65
9755	Weisse XXII, 113. .	9.0	6 41.84	65.7	5	3.062	+ 0 55 2.2	65.7	3	17.65
9756	B. A. C. 7754 . . .	6.0*	22 6 45.74	58.7	2	+ 2.127	+ 56 8 37.8	53.7	2	+ 17.66
9757	O. Arg. S. 22013 . .	6.2	6 57.02	68.7	2	3.363	− 24 41 50.4	56.8	5	17.66
9758	Weisse XXII, 118. .	7.2	7 3.31	68.7	2	3.251	− 15 47 26.8	63.8	2	17.67
9759	Anonymous . . .	7.8	7 15.49	66.8	2	3.385	− 26 20 28.7	68.2	2	17.68
9760	Weisse XXII, 129. .	9.0	7 16.67	67.3	2	3.058	+ 1 17 21.4	68.8	2	17.68
9761	B. A. C. 7759 . . .	6.0*	22 7 24.28	59.8	2	+ 1.976	+ 60 4 2.9	53.7	2	+ 17.69
9762	Piazzi XXII, 33 . .	6.5	7 34.76	65.9	2	2.885	+ 16 30 1.0	67.8	2	17.69
9763	B. A. C. 7765 . . .	5.0*	7 52.35	51.9	7	2.563	+ 39 1 17.8	50.5	14	17.70
9764	Anonymous . . .	8.3	7 52.77	69.0	4	3.473	− 32 33 22.7	67.8	2	17.70
9765	O. Arg. S. 22022 . .	8.2	7 56.39	65.7	2	3.325	− 21 58 16.8	68.3	2	17.71
9766	O. Arg. S. 22024 . .	8.6	22 8 17.78	70.7	2	+ 3.325	− 21 59 22.8	69.5	3	+ 17.72
9767	Weisse XXII, 153 . .	8.6	8 26.82	65.7	3	3.058	+ 1 15 11.5	65.7	3	17.73
9768	Weisse XXII, 155 . .	8.4	8 28.96	66.1	3	3.069	+ 0 16 44.7	68.3	2	17.73
9769	B. A. C. 7768 . . .	5.5	8 45.04	64.7	2	3.384	− 26 35 37.3	67.8	2	17.74
9770	Weisse XXII, 167 . .	9.0	9 0.52	69.7	2	3.208	− 12 21 38.3	69.3	2	17.75
9771	Weisse XXII, 175 . .	8.0	22 9 16.91	69.7	2	+ 3.208	− 12 20 39.5	69.3	2	+ 17.76
9772	42 Aquarii	6.0*	9 18.02	59.2	2	3.221	− 13 31 41.1	55.7	10	17.76
9773	B. A. C. 7772 . . .	6.0	9 20.65	45.6	1	3.097	− 2 17 31.5	72.7	2	17.76
9774	B. A. C. 7775 . . .	6.0	9 25.73	68.8	2	1.882	+ 62 28 5.6	53.7	2	17.77
9775	θ Aquarii	4.5*	9 26.64	61.4	129	3.164	− 8 28 44.5	59.0	24	17.77
9776	Lacaille 9088 . . .	6.6	22 9 34.71	66.3	2	+ 3.466	− 32 27 51.1	66.8	3	+ 17.77
9777	44 Aquarii	5.5	9 47.77	68.7	2	3.138	− 6 5 5.2	54.8	3	17.78
9778	1 Lacertæ	5.0	9 52.17	46.1	11	2.605	+ 37 3 10.7	46.3	11	17.78
9779	ε Cephei	5.5	9 53.43	66.3	2	2.144	+ 56 20 47.0	59.8	4	17.79
9780	O. Arg. S. 22049 . .	8.5	9 53.47	68.7	2	3.311	− 21 10 1.8	55.8	1	17.79
9781	Lacaille 9091 . . .	7.1	22 10 3.67	62.8	3	+ 3.542	− 37 17 35.1	65.8	2	+ 17.79
9782	O. Arg. S. 22051 . .	8.0	10 16.60	68.7	2	3.311	− 21 11 28.4	55.8	1	17.79
9783	Lacaille 9093 . . .	7.4	10 26.12	63.8	2	3.333	− 22 59 47.9	63.8	2	17.81
9784	O. Arg. S. 22060 . .	8.2	10 50.21	68.7	2	3.310	− 21 11 37.3	55.8	2	17.82
9785	Lacaille 9097 . . .	6.7	11 24.68	63.8	4	3.409	− 28 54 32.6	66.8	2	17.85
9786	45 Aquarii	6.0	22 11 29.84	45.6	2	+ 3.224	− 14 0 15.1	67.8	2	+ 17.85
9787	O. Arg. S. 22070 . .	8.0	11 40.05	68.8	2	3.350	− 24 30 9.9	56.7	4	17.86
9788	Weisse (2) XXII, 271 .	7.0	11 45.22	68.7	2	2.591	+ 38 19 35.4	47.8	2	17.86
9789	Weisse XXII, 223 . .	8.4	11 46.61	65.8	2	3.163	− 8 29 52.0	66.8	2	17.86
9790	Anonymous . . .	6.2	12 37.98	68.7	2	3.498	− 35 13 3.5	55.8	3	17.89

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			h. m. s.			"	° ′ ″			"
9791	Weisse (2) XXII, 291 .	8.5	22 12 47.83	69.6	4	+ 2.617	+ 37 3 47.0	68.8	2	+ 17.90
9792	Weisse (2) XXII, 292 .	6.5	12 48.17	69.4	5	2.617	+ 37 4 3.0	62.1	3	17.90
9793	ρ Aquarii	5.5*	12 49.79	61.9	35	3.162	− 8 31 21.7	65.9	4	17.90
9794	Anonymous . . .	9.1	13 18.45	67.2	2	3.319	− 22 20 55.8	68.8	2	17.92
9795	30 Pegasi	4.5	13 24.99	46.4	3	3.019	+ 5 5 16.5	71.1	3	17.93
9796	O. Arg. S. 22087 . .	8.6	22 13 26.04	66.7	3	+ 3.318	− 22 20 10.0	68.3	2	+ 17.93
9797	O. Arg. S. 22089 . .	7.6	13 42.49	68.7	2	3.419	− 29 28 33.1	56.0	4	17.94
9798	Anonymous . . .	6.8	13 50.93	68.8	2	3.494	− 35 13 30.9	55.8	3	17.94
9799	47 Aquarii	6.4	13 52.82	65.7	2	3.317	− 22 17 54.4	72.8	2	17.94
9800	B. A. C. 7793 . . .	7.0*	14 3.94	59.6	2	3.145	− 6 56 47.0	54.9	2	17.95
9801	Lacaille 9109 . . .	7.3	22 14 5.93	62.6	6	+ 3.364	− 26 4 8.4	66.8	2	+ 17.95
9802	Lalande 43630 . . .	6.8	14 18.87	66.5	3	2.630	+ 36 35 44.9	57.8	6	17.96
9803	γ Aquarii	3.0*	14 25.39	57.4	30	3.094	− 2 5 29.2	60.3	7	17.97
9804	Weisse XXII, 281. .	8.0	14 26.76	59.7	1	3.144	− 6 53 4.7	67.4	1	17.97
9805	31 Pegasi	4.5*	14 37.63	58.7	2	2.951	+ 11 30 3.0	54.2	5	17.97
9806	Weisse XXII, 288. .	8.0*	22 14 45.81	48.6	2	+ 3.193	− 11 33 6.5	48.6	3	+ 17.98
9807	32 Pegasi	5.0	14 51.64	66.8	3	2.762	+ 27 37 34.7	58.9	6	17.98
9808	O. Arg. S. 22102 . .	8.5	14 53.60	67.3	2	3.353	− 25 23 49.4	67.8	2	17.98
9809	Anonymous . . .	8.4	14 58.05	68.8	2	2.633	+ 36 34 31.5	55.1	3	17.99
9810	2 Lacertæ	5.0	15 15.01	58.7	2	2.465	+ 45 49 56.9	53.7	4	18.00
9811	Lacaille 9113 . . .	7.7	22 15 21.24	63.2	5	+ 3.366	− 26 32 38.8	64.4	3	+ 18.00
9812	Weisse XXII, 300. .	9.0	15 22.23	69.8	3	3.197	− 11 56 39.3	69.8	2	18.00
9813	Weisse XXII, 303. .	9.4	15 23.11	64.4	3	3.048	+ 2 19 1.8	69.0	4	18.00
9814	49 Aquarii	5.5	15 42.34	64.3	2	3.352	− 25 28 7.9	54.8	3	18.01
9815	B. A. C. 7803 . . .	6.0*	16 3.64	59.2	3	2.525	+ 43 2 27.2	53.8	3	18.03
9816	O. Arg. S. 22117 . .	7.3	22 16 4.63	68.7	2	+ 3.301	− 21 19 18.9	63.8	2	+ 18.03
9817	Lacaille 9120 . . .	7.5	16 15.88	68.7	2	3.371	− 27 4 46.8	65.7	2	18.04
9818	O. Arg. S. 22121 . .	8.2	16 18.43	68.8	2	3.401	− 29 22 51.2	56.2	2	18.04
9819	Lacaille 9119 . . .	6.4	16 21.12	63.4	3	3.559	− 39 50 4.4	65.8	2	18.04
9820	Anonymous . . .	8.4	16 27.36	65.8	2	3.543	− 38 55 5.3	66.9	2	18.04
9821	O. Arg. S. 22123 . .	7.8	22 16 34.00	65.7	2	+ 3.311	− 22 18 11.6	68.4	2	+ 18.05
9822	Lalande 43717 . . .	6.0	16 38.11	68.8	2	2.649	+ 35 57 2.6	48.7	1	18.05.
9823	Weisse XXII, 331. .	7.5	16 40.62	66.4	3	3.195	− 11 53 36.0	67.5	3	18.05
9824	Lacaille 9126 . . .	7.7	16 49.10	62.3	4	3.332	− 24 4 31.1	58.7	5	18.06
9825	51 Aquarii	5.2	16 49.20	68.8	2	3.128	− 5 32 38.9	57.7	4	18.06
9826	33 Pegasi	6.5*	22 16 55.42	59.4	3	+ 2.859	+ 20 8 31.1	63.2	4	+ 18.06
9827	Lacaille 9127 . . .	6.5	16 55.96	62.3	4	3.375	− 27 34 0.8	68.8	2	18.06
9828	50 Aquarii	6.0*	16 56.90	58.8	2	3.220	− 14 14 16.7	53.7	3	18.06
9829	Weisse XXII, 346. .	7.8	17 4.67	66.4	3	3.194	− 11 51 52.2	66.8	2	18.07
9830	Lalande 43719 . . .	7.7	17 15.27	68.8	2	3.213	− 13 39 53.5	55.7	2	18.07

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			h. m. s.			″	° ′ ″			″
9831	Weisse XXII, 360. .	9.0	22 17 22.08	65.7	3	+ 3.040	+ 3 6 48.9	67.8	2	+ 18.08
9832	B. A. C. 7809 . . .	7.0*	17 22.44	67.1	3	3.091	— 1 53 46.1	66.8	2	18.08
9833	Weisse XXII, 363 . .	8.6	17 38.55	68.8	2	3.213	— 13 42 40.3	55.7	2	18.09
9834	Lalande 43751 . . .	6.0	17 42.97	69.7	2	2.623	+ 37 51 39.9	47.7	1	18.09
9835	Anonymous . . .	8.1	17 47.09	68.8	2	2.613	+ 38 30 46.8	48.6	1	18.09
9836	B. A. C. 7812 . . .	5.5*	22 17 50.63	59.4	2	+ 2.199	+ 56 34 39.5	53.8	2	+ 18.10
9837	Anonymous . . .	9.5	17 54.69	67.7	2	3.041	+ 3 5 50.3	69.3	2	18.10
9838	O. Arg. S. 22132 . .	8.2	17 55.97	65.7	2	3.308	— 22 18 29.2	68.3	2	18.10
9839	O. Arg. S. 22133 . .	8.5	18 1.26	69.3	2	3.397	— 29 25 46.9	55.7	3	18.10
9840	β Lacertæ	5.5	18 3.65	57.3	5	2.348	+ 51 31 42.6	57.8	3	18.10
9841	π Aquarii	4.8	22 18 7.58	66.2	39	+ 3.065	+ 0 40 5.7	57.4	7	+ 18.10
9842	Lacaille 9130 . . .	7.0	18 15.45	65.7	2	3.401	— 29 47 29.1	66.8	2	18.10
9843	Lacaille 9131 . . .	6.8	18 18.51	63.3	4	3.387	— 28 43 19.7	67.3	2	18.11
9844	O. Arg. S. 22142 . .	9.0	18 20.05	65.3	2	3.323	— 23 38 5.3	56.7	3	18.11
9845	B. A. C. 7817 . . .	6.0*	18 25.81	61.9	2	3.332	— 24 23 33.8	57.3	2	18.12
9846	O. Arg. S. 22146 . .	8.0	22 18 28.45	68.9	2	+ 3.270	— 19 3 51.7	64.8	2	+ 18.12
9847	Anonymous . . .	8.4	18 32.96	68.7	2	3.391	— 29 3 35.7	72.8	2	18.12
9848	53 Aquarii, (1st *). . .	6.8*	18 57.71	60.5	6	3.251	— 17 27 5.2	59.9	3	18.14
9849	53 Aquarii, (2d *). . .	6.7*	18 58.23	60.8	5	3.251	— 17 27 10.4	59.9	3	18.14
9850	Weisse XXII, 398 . .	6.3	19 15.30	68.7	3	3.192	— 11 56 19.3	66.8	2	18.15
9851	Anonymous . . .	8.9	22 19 30.32	68.8	2	+ 2.620	+ 38 30 52.0	48.8	1	+ 18.16
9852	Lacaille 9135 . . .	7.0	19 50.45	62.8	6	3.362	— 27 7 50.8	65.8	2	18.17
9853	Anonymous . . .	6.5	19 59.94	63.7	2	3.543	— 39 48 4.6	67.8	2	18.18
9854	O. Arg. S. 22165 . .	8.2	20 21.10	67.3	2	3.370	— 27 55 10.2	68.8	2	18.19
9855	B. A. C. 7826 . . .	5.2	20 26.00	62.0	6	3.543	— 39 50 22.5	67.8	2	18.19
9856	Anonymous . . .	6.5	22 20 32.87	68.8	2	+ 2.653	+ 36 43 56.9	46.8	2	+ 18.20
9857	Anonymous . . .	7.1	20 40.59	68.8	2	3.458	— 34 29 6.2	58.8	2	18.20
9858	35 Pegasi	5.5	20 46.32	65.4	4	3.033	+ 3 59 41.5	65.4	3	18.21
9859	δ^1 Gruis	4.5	20 53.24	67.3	2	3.617	— 44 12 39.3	68.3	2	18.21
9860	Lalande 43871 . . .	7.3	20 57.17	68.8	2	2.619	+ 38 57 32.4	48.8	2	18.21
9861	Lacaille 9139 . . .	7.0	22 20 59.07	64.0	7	+ 3.504	— 37 41 3.8	68.8	2	+ 18.21
9862	Anonymous . . .	9.1	21 5.12	64.7	4	3.236	— 16 22 46.0	69.5	6	18.22
9863	B. A. C. 7829 . . .	6.0*	21 6.00	64.9	2	1.992	+ 62 37 1.1	68.3	2	18.22
9864	Lacaille 9142 . . .	7.4	21 6.67	63.7	2	3.307	— 22 47 3.8	65.2	2	18.22
9865	Anonymous . . .	6.8	21 30.92	68.8	2	3.456	— 34 33 58.1	55.8	3	18.23
9866	Anonymous . . .	8.2	22 21 32.39	66.3	2	+ 3.386	— 29 26 20.6	61.2	4	+ 18.23
9867	Lacaille 9144 . . .	6.9	21 33.90	62.6	8	3.385	— 29 22 23.9	60.8	4	18.23
9868	O. Arg. S. 22177 . .	8.6	21 33.94	65.7	2	3.366	— 27 52 20.0	67.8	1	18.23
9869	ζ Aquarii, (1st *). . .	4.7*	21 37.34	62.4	8	3.079	— 0 44 5.4	66.8	2	18.24
9870	ζ Aquarii, (2d *). . .	5.0*	21 37.42	63.0	5	3.079	— 0 44 9.2	65.8	3	18.24

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			h. m. s.			"	° ′ ″			"
9871	Weisse XXII, 449,(1st*)	8.0	22 21 38.57	70.5	3	+ 3.177	− 10 38 59.4	69.8	3	+ 18.24
9872	Weisse XXII, 449,(2d *)	8.6	21 39.54	70.3	4	3.177	− 10 39 33.5	71.8	3	18.24
9873	O. Arg. S. 22181 . .	6.8	21 55.58	63.6	5	3.365	− 27 49 17.7	68.4	2	18.25
9874	Anonymous . . .	8.0	22 18.29	59.7	1	3.406	− 31 9 14.7	68.8	2	18.26
9875	B. A. C. 7835 . . .	6.5*	22 32.07	59.0	3	3.206	− 13 37 49.5	53.8	3	18.27
9876	Weisse XXII, 467. .	8.0	22 22 34.70	59.9	4	+ 3.161	− 9 7 59.7	57.3	8	+ 18.27
9877	56 Aquarii	6.5	22 46.90	61.0	4	3.223	− 15 18 0.2	58.6	10	18.28
9878	37 Pegasi	6.0	22 53.28	45.7	2	3.036	+ 3 43 18.2	68.8	2	18.28
9879	Lacaille 9159 . . .	7.0	23 5.23	63.4	3	3.412	− 31 44 26.8	68.8	2	18.29
9880	σ Aquarii	5.2	23 14.11	61.3	18	3.182	− 11 23 33.7	53.7	11	18.29
9881	O. Arg. S. 22196 . .	8.0*	22 23 27.32	59.8	3	+ 3.221	− 15 16 57.4	54.8	3	+ 18.30
9882	O. Arg. S. 22197 . .	7.2	23 31.38	64.7	2	3.312	− 23 42 45.9	56.7	3	18.31
9883	β Piscis Australis . .	5.6	23 32.14	63.8	4	3.428	− 33 3 45.4	68.8	2	18.31
9884	Anonymous . . .	8.0	23 32.53	63.8	2	3.428	− 33 4 15.6	68.8	2	18.31
9885	Anonymous . . .	8.3	23 34.90	68.8	2	3.448	− 34 33 52.9	62.8	2	18.31
9886	Lacaille 9163 . . .	6.2	22 23 41.76	63.2	5	+ 3.468	− 36 0 28.0	68.3	2	+ 18.31
9887	Anonymous . . .	. .	23 51.40	65.3	2	3.010	+ 6 31 22.9	70.7	1	18.32
9888	O. Arg. S. 22199 . .	8.8	23 53.32	65.9	2	+ 3.308	− 23 23 24.2	59.6	7	18.32
9889	B. A. C. 7851 . . .	5.5*	23 53.41	62.9	6	− 3.697	+ 85 24 5.3	64.3	10	18.32
9890	B. A. C. 7846 . . .	6.0*	23 53.69	64.3	6	+ 2.336	+ 53 31 48.1	53.8	2	18.32
9891	Schjellerup 9211 . .	8.9	22 24 6.37	68.7	2	+ 3.008	+ 6 41 38.5	66.8	2	+ 18.33
9892	58 Aquarii	5.2	24 15.90	62.2	4	3.184	− 11 37 18.1	68.8	2	18.33
9893	O. Arg. S. 22204 . .	9.0	24 45.23	67.3	2	3.364	− 28 25 47.9	68.8	2	18.35
9894	Weisse XXII, 518. .	8.4	25 2.57	66.4	3	3.009	+ 6 41 8.0	67.8	2	18.36
9895	Lacaille 9167 . . .	6.4	25 15.26	63.4	3	3.460	− 35 51 26.3	65.8	2	18.37
9896	α Lacertæ	5.0	22 25 31.75	58.8	2	+ 2.443	+ 49 33 49.2	59.5	5	+ 18.38
9897	Lacaille 9169 . . .	6.7	25 41.42	62.2	8	3.386	− 30 23 6.8	66.8	2	18.38
9898	Anonymous. . . .	8.0	25 46.74	68.8	2	3.441	− 34 35 45.0	55.8	2	18.38
9899	39 Pegasi	6.0*	25 49.53	45.8	4	2.883	+ 19 30 36.0	67.8	1	18.39
9900	Anonymous . . .	9.1	25 57.15	69.4	6	3.358	− 28 10 23.1	68.3	2	18.39
9901	Anonymous . . .	7.2	22 26 7.90	64.3	2	+ 3.479	− 37 23 27.0	72.9	2	+ 18.40
9902	Lacaille 9172 . . .	7.8	26 9.38	63.8	2	3.416	− 32 51 46.4	68.8	2	18.40
9903	O. Arg. S. 22223 . .	8.3	26 14.91	68.7	2	3.296	− 22 49 25.5	57.1	3	18.40
9904	B. A. C. 7858 . . .	6.4	26 15.30	58.8	2	2.640	+ 39 3 38.1	53.8	3	18.40
9905	Lacaille 9175 . . .	7.1	26 27.01	62.2	2	3.449	− 35 23 46.8	55.8	2	18.41
9906	O. Arg. S. 22230 . .	7.5	22 26 41.21	68.8	2	+ 3.300	− 23 19 25.8	56.8	4	+ 18.42
9907	Anonymous . . .	8.5	26 40.72	69.4	3	3.355	− 28 6 47.3	69.3	2	18.42
9908	B. A. C. 7861 . . .	7.0*	26 44.09	50.7	1	3.168	− 10 19 45.6	50.7	1	18.42
9909	60 Aquarii	5.5	26 50.01	46.6	3	3.093	− 2 17 38.0	68.9	2	18.42
9910	O. Arg. S. 22237 . .	8.2	27 5.39	65.2	6	3.270	− 20 34 53.4	67.4	2	18.43

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			h. m. s.			″	° ′ ″			″
9911	Anonymous . . .	7.5	22 27 7.16	68.7	2	+ 2.669	+ 37 24 27.2	47.8	1	+ 18.43
9912	O. Arg. S. 22239 . .	7.8	27 7.62	68.8	2	3.252	— 18 51 20.4	61.8	2	18.43
9913	O. Arg. S. 22224 . .	8.4	27 17.37	69.6	4	3.354	— 28 11 39.5	69.9	1	18.44
9914	Anonymous . . .	9.5	27 17.51	65.7	1	3.355	— 28 17 11.1	68.9	1	18.44
9915	B. A. C. 7866 . . .	5.5	27 54.00	61.7	5	3.313	— 24 42 49.5	55.4	6	18.46
9916	Anonymous . . .	7.5	22 27 55.54	64.2	2	+ 3.387	— 31 3 31.7	68.8	2	+ 18.46
9917	η Aquarii	4.3*	28 9.70	62.8	85	3.080	— 0 50 16.5	60.6	17	18.47
9918	σ^1 Gruis	6.5	28 17.87	66.2	4	3.530	— 41 18 14.6	67.2	5	18.47
9919	B. A. C. 7872 . . .	6.4	28 41.99	62.8	6	3.401	— 32 23 9.3	64.8	2	18.49
9920	Piazzi XXII, 154 . .	7.3	28 45.51	62.7	5	3.400	— 32 21 55.1	64.8	2	18.49
9921	σ^2 Gruis	6.2	22 28 47.71	65.4	3	+ 3.527	— 41 18 47.4	67.2	5	+ 18.49
9922	O. Arg. S. 22265 . .	7.8	28 59.10	68.8	2	3.249	— 18 51 45.3	61.7	2	18.50
9923	Weisse XXI, 601 . .	8.5*	29 9 30	61.9	2	3.004	+ 7 32 56.3	66.4	2	18.50
9924	Weisse XXII, 602 . .	8.5	29 15.46	64.9	6	3.172	— 11 0 47.8	66.8	2	18.50
9925	Anonymous . . .	8.0	29 33.47	64.3	2	3.038	+ 3 47 10.3	68.8	2	18.51
9926	8 Lacertæ, (1st *). . .	7.0*	22 29 38.64	59.7	3	+ 2.658	+ 38 54 16.6	48.7	15	+ 18.52
9927	8 Lacertæ, (2d *). . .	6.2*	29 38.82	59.7	2	2.657	+ 38 54 39.2	46.4	35	18.52
9928	Anonymous . . .	7.0	29 38.82	68.7	2	3.196	— 13 37 19.9	55.7	2	18.52
9929	Lalande 44195 . . .	6.0	29 46.66	68.8	2	2.715	+ 34 51 23.6	46.8	1	18.52
9930	B. A. C. 7881 . . .	5.5*	29 47.72	66.0	2	1.089	+ 75 30 15.4	66.8	2	18.52
9931	Anonymous . . .	6.5	22 29 48.00	68.8	2	+ 2.699	+ 36 2 18.3	46.8	1	+ 18.52
9932	Weisse XXII, 619 . .	8.5	29 50.99	64.9	6	3.172	— 10 59 39.8	67.3	2	18.52
9933	O. Arg. S. 22282 . .	8.5*	29 56.	. .	.	3.284	— 22 31 17.4	66.3	2	18.52
9934	Weisse (2) XXII, 672 .	7.0*	30 5.	. .	.	2.686	+ 37 7 4.6	46.8	3	18.53
9935	Lacaille 9190 . . .	7.0	30 5.29	62.8	2	3.419	— 34 11 39.8	65.9	2	18.53
9936	O. Arg. S. 22288 . .	7.8	22 30 20.19	67.8	3	+ 3.345	— 28 10 12.1	68.3	2	+ 18.54
9937	Anonymous . . .	7.1	30 26.35	68.8	2	3.434	— 35 25 58.2	62.8	2	18.54
9938	Lacaille 9195 . . .	7.8	30 28.08	63.7	2	3.325	— 26 22 53.1	68.3	2	18.55
9939	κ Aquarii	5.2	30 30.28	60.2	18	3.116	— 4 56 55.4	67.8	5	18.55
9940	Wash. Mural Z. 66, 23 .	8.2	30 36.63	65.5	4	3.338	— 27 35 44.8	65.7	3	18.55
9941	Lacaille 9194 . . .	6.5	22 30 50.13	66.3	2	+ 3.496	— 39 52 53.5	68.3	2	+ 18.56
9942	Lacaille 9196 . . .	6.5	30 50.77	63.6	1	3.486	— 39 12 11.1	68.9	2	18.56
9943	Lacaille 9197 . . .	6.4	30 56.24	63.4	4	3.411	— 33 48 31.6	65.3	2	18.56
9944	Lacaille 9199 . . .	6.2	30 57.00	62.7	3	3.358	— 29 28 27.2	55.8	2	18.56
9945	Weisse XXII, 645 . .	8.5	30 59.37	61.9	2	2.995	+ 8 38 4.7	68.8	2	18.56
9946	Weisse XXII, 641 . .	6.5	22 31 1.34	61.6	4	+ 3.149	— 8 37 25.6	57.6	5	+ 18.56
9947	Weisse XXII, 640 . .	8.5	31 1.82	59.8	3	3.206	— 14 47 3.3	54.8	3	18.56
9948	Anonymous . . .	8.0	31 2.16	68.9	1	3.352	— 28 59 53.5	67.8	2	18.57
9949	Weisse XXII, 644 . .	8.0	31 6.47	59.8	3	3.206	— 14 47 37.5	55.7	6	18.57
9950	O. Arg. S. 22304 . .	8.6	31 11.49	67.3	2	3.344	— 28 17 41.6	67.8	2	18.57

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			h. m. s.			"	° ′ ″			"
9951	Weisse XXII, 658 . .	7.5	22 31 27.10	65.4	2	+ 2.996	+ 8 31 54.3	68.9	2	+ 18.58
9952	9 Lacertæ	5.0	31 37.72	69.2	2	2.455	+ 50 49 23.9	57.7	4	18.58
9953	Piazzi XXII, 169 . .	6.5	31 44. . .	.		3.039	+ 3 48 11.7	61.8	2	18.59
9954	Lalande 44272 . . .	8.0	31 50.64	61.9	2	3.005	+ 7 38 47.5	67.8	2	18.59
9955	B. A. C. 7891 . . .	7.1	31 56.16	63.8	2	3.350	− 29 3 8.2	67.8	3	18.59
9956	O. Arg. S. 22316 . .	7.8	22 31 58.46	63.8	2	+ 3.350	− 29 4 29.0	68.5	3	+ 18.59
9957	Lalande 44279 . . .	8.6	31 59.16	61.9	2	3.005	+ 7 39 39.7	67.8	2	18.60
9958	Weisse XXII, 675 . .	8.5*	32 10.61	61.8	3	3.145	− 8 19 53.7	57.2	7	18.60
9959	31 Cephei	5.5	32 18.71	69.3	2	1.447	+ 72 55 0.7	57.8	4	18.60
9960	B. A. C. 7895 . . .	6.0	32 33.00	61.5	6	3.376	− 31 22 48.5	66.8	2	18.61
9961	Lalande 44319 . . .	6.2	22 32 44.85	68.8	2	+ 2.702	+ 36 38 52.3	51.1	3	+ 18.62
9962	ε Piscis Australis . .	4.0	32 54.28	63.6	7	3.333	− 27 46 20.4	65.4	4	18.63
9963	10 Lacertæ	5.0	32 58.95	68.8	2	2.680	+ 38 19 21.7	47.2	8	18.63
9964	Weisse (2) XXII, 764 .	6.2	33 11.58	68.8	2	2.704	+ 36 37 32.9	51.1	6	18.63
9965	Lalande 44346 . . .	6.5	33 15.87	68.8	2	2.686	+ 38 1 14.5	48.8	1	18.64
9966	Anonymous . . .	7.6	22 33 16.75	68.8	2	+ 2.704	+ 36 40 9.2	47.8	1	+ 18.64
9967	Lacaille 9208 . . .	7.1	33 24.36	63.8	3	3.294	− 24 14 56.4	66.9	2	18.64
9968	Lacaille 9209 . . .	7.0	33 39.11	63.7	2	3.313	− 26 4 49.9	67.3	2	18.65
9969	30 Cephei	5.0*	33 41.35	61.8	2	2.113	+ 62 51 26.3	59.8	4	18.65
9970	B. A. C. 7907 . . .	6.0*	34 12.21	58.8	3	1.291	+ 74 38 38.6	53.7	3	18.67
9971	ζ Pegasi	3.4*	22 34 28.78	52.2	216	+ 2.985	+ 10 6 6.0	52.4	92	+ 18.68
9972	19 Piscis Australis . .	5.5	34 34.31	68.7	2	3.354	− 30 5 29.0	57.2	2	18.68
9973	Lalande 44373 . . .	7.8	34 37.70	64.4	3	3.165	− 10 51 22.2	66.2	2	18.68
9974	Anonymous . . .	8.1	34 46.72	67.2	2	2.413	+ 53 36 46.8	69.3	2	18.68
9975	Anonymous . . .	7.8	35 2.15	67.9	4	3.264	− 21 40 34.3	61.4	6	18.69
9976	o Pegasi	5.0*	22 35 11.25	45.7	1	+ 2.809	+ 28 34 39.1	57.8	3	+ 18.69
9977	12 Lacertæ	5.0	35 12.85	65.7	2	2.674	+ 39 29 42.8	66.8	2	18.70
9978	Anonymous . . .	8.5	35 14.45	68.8	2	3.344	− 29 22 51.7	55.8	2	18.70
9979	ρ Gruis	4.7	35 21.94	63.8	3	3.509	− 42 8 36.5	67.9	2	18.70
9980	Lacaille 9221 . . .	6.5	35 25.07	63.8	5	3.271	− 22 23 23.8	68.3	2	18.71
9981	Anonymous . . .	8.4	22 35 29.09	68.8	2	+ 3.355	− 30 23 52.2	55.8	2	+ 18.71
9982	65 Aquarii	7.0	35 39.13	64.4	3	3.164	− 10 50 5.7	66.8	2	18.71
9983	O. Arg. N. 24533 . .	8.0	35 53.44	65.7	4	2.420	+ 53 39 21.2	65.1	3	18.72
9984	B. A. C. 7920 . . .	7.0*	35 53.85	60.6	4	3.139	− 7 56 50.1	57.3	7	18.72
9985	η Pegasi	3.8	36 26.58	68.8	2	2.802	+ 29 29 23.1	57.8	3	18.74
9986	Anonymous . . .	7.8	22 36 30.10	68.7	2	+ 2.711	+ 37 7 41.9	47.7	2	+ 18.74
9987	Lalande 44466 . . .	6.0	36 34.22	68.7	2	2.712	+ 37 4 15.0	47.7	2	18.74
9988	O. Arg. N. 24553 . .	6.8	36 41.69	65.7	2	2.429	+ 53 31 24.8	68.8	1	18.75
9989	Weisse XXII, 772 . .	7.0	36 42.90	58.8	2	3.046	+ 3 8 27.2	53.9	2	18.75
9990	O. Arg. N. 22374 . .	9.0	36 46.56	65.7	2	3.288	− 24 29 53.0	69.3	2	18.75

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			h. m. s.			"	° ′ ″			"
9991	O. Arg. S. 22373 . .	9.1	22 36 46.97	65.5	5	+ 3.314	− 27 1 31.9	65.4	3	+ 18.75
9992	O. Arg. S. 22378 . .	9.0	36 59.94	68.8	2	3.260	− 21 40 53.4	63.8	5	18.75
9993	Anonymous . . .	8.5	37 11.07	68.8	2	3.068	+ 0 25 35.5	55.7	2	18.76
9994	O. Arg. S. 22383 . .	8.6	37 43.51	68.8	3	3.258	− 21 36 21.2	66.2	5	18.78
9995	20 Piscis Australis . .	6.3	37 51.19	62.5	7	3.300	− 25 58 17.9	66.8	2	18.78
9996	13 Lacertæ	6.0*	22 37 51.23	59.4	3	+ 2.663	+ 41 5 6.7	53.7	3	+ 18.78
9997	Anonymous . . .	8.6	37 54.73	64.3	2	3.192	− 14 18 21.2	54.8	2	18.78
9998	Anonymous . . .	. .	37 58.	. .	.	3.257	− 21 32 5.3	69.7	1	18.78
9999	O. Arg. S. 22391 . .	9.4	38 2.10	65.7	2	3.286	− 24 35 23.4	68.3	2	18.79
10000	Anonymous . . .	9.0	38 26.82	68.8	3	3.256	− 21 34 47.4	69.7	2	18.80
10001	Lalande 44534 . . .	6.0	22 38 32.90	68.8	2	+ 2.702	+ 38 28 2.5	46.1	10	+ 18.80
10002	Weisse XXII, 815. .	9.0	38 47.86	60.7	2	3.190	− 14 15 41.9	54.8	4	18.81
10003	Lacaille 9244 . . .	7.0	39 2.67	62.8	4	3.383	− 33 55 7.2	65.9	2	18.82
10004	Lacaille 9242 . . .	6.8	39 2.87	63.8	3	3.494	+ 42 25 45.0	67.3	2	18.82
10005	Lacaille 9246 . . .	7.0	39 16.22	62.7	2	3.376	− 33 24 31.6	68.3	2	18.82
10006	Lacaille 9248 . . .	6.1	22 39 27.28	63.8	2	+ 3.393	− 34 53 59.5	69.4	2	+ 18.83
10007	ξ Pegasi	4.5	39 41.96	58.8	2	2.979	+ 11 27 18.0	67.4	2	18.84
10008	λ Pegasi	4.5	39 47.31	45.7	3	2.879	+ 22 49 47.3	68.4	2	18.84
10009	B. A. C. 7944 . . .	6.2	39 48.76	62.8	2	3.442	− 38 57 21.9	65.9	2	18.84
10010	B. A. C. 7948 . . .	5.5*	39 58.07	59.3	3	2.633	+ 43 48 31.2	53.8	5	18.85
10011	g^2 Aquarii	6.1	22 40 1.61	65.7	6	+ 3.242	− 20 20 32.8	57.5	3	+ 18.85
10012	Anonymous . . .	8.6	40 6.30	69.6	3	2.346	+ 57 50 31.2	70.9	2	18.85
10013	Anonymous . . .	8.6	40 6.37	69.6	3	2.344	+ 57 53 27.1	70.9	2	18.85
10014	Lacaille 9253 . . .	7.0	40 7.00	63.3	2	3.435	− 38 29 41.7	66.8	2	18.85
10015	B. A. C. 7950 . . .	6.5*	40 13.91	60.2	2	2.608	+ 45 28 45.1	59.0	5	18.85
10016	Lacaille 9256 . . .	6.4	22 40 14.80	62.8	6	+ 3.301	− 26 38 41.6	64.5	3	+ 18.85
10017	τ^1 Aquarii	5.8	40 16.51	67.8	3	3.192	− 14 47 35.3	68.4	2	18.85
10018	B. A. C. 7951, (1st *) .	7.2	40 36.60	69.2	2	3.112	− 4 57 18.9	69.8	2	18.86
10019	B. A. C. 7951, (2d *) .	7.2	40 36.86	66.4	3	3.112	− 4 57 17.1	69.8	2	18.86
10020	Weisse XXII, 850. .	8.4	40 38.82	69.2	2	3.111	− 4 57 58.3	68.8	2	18.87
10021	Lacaille 9261 . . .	7.0	22 40 46.10	63.8	4	+ 3.317	− 28 17 52.5	66.1	3	+ 18.87
10022	Anonymous . . .	8.7	41 5.67	68.8	2	3.326	− 29 23 41.8	55.8	2	18.88
10023	Anonymous . . .	7.8	41 30.79	68.8	2	3.334	− 30 16 52.1	66.3	2	18.90
10024	Lacaille 9269 . . .	6.5	41 40.97	66.8	2	3.270	− 23 49 51.0	68.4	2	18.90
10025	O. Arg. S. 22432 . .	9.2	41 40.99	67.3	2	3.244	− 20 59 57.0	68.8	2	18.90
10026	Weisse (2) XXII, 967 .	5.8	22 41 46.65	68.7	2	+ 2.739	+ 36 40 51.5	51.1	6	+ 18.90
10027	B. A. C. 7953 . . .	6.5	41 49.98	59.8	3	2.363	+ 57 44 42.7	59.3	4	18.90
10028	Rumker 10641 . . .	8.8	41 52.14	64.8	2	3.129	− 7 14 59.9	70.3	2	18.90
10029	O. Arg. N. 24689 . .	9.0	41 58.	. .	.	2.363	+ 57 48 32.0	69.4	2	18.90
10030	Anonymous . . .	9.2	42 2.08	67.3	2	3.186	− 14 18 55.8	68.8	2	18.91

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10031	Lacaille 9271 . . .	5.8	22 42 10.47	69.1	3	+ 3.367	− 33 32 38.0	65.7	4	+ 18.91
10032	Anonymous . . .	6.0	42 10.50	61.6	1	3.368	− 33 35 . .	.		18.91
10033	τ^2 Aquarii	4.2	42 10.59	60.7	17	3.186	− 14 19 49.6	58.0	18	18.91
10034	Lacaille 9270 . . .	7.1	42 11.49	63.7	2	3.476	− 42 13 19.9	68.8	2	18.91
10035	O. Arg. S. 22436 . .	7.6	42 23.50	65.7	3	3.243	− 21 1 27.4	68.8	2	18.92
10036	Anonymous . . .	9.0	22 42 47.45	65.3	2	+ 3.121	− 6 18 22.2	69.3	2	+ 18.91
10037	Weisse XXII, 897 . .	9.0	42 58.32	66.8	3	3.121	− 6 20 33.5	68.9	2	18.93
10038	Lalande 44661 . . .	7.0	42 58.68	68.8	2	3.188	− 14 47 55.8	55.7	2	18 93
10039	B. A. C. 7957 . . .	5.0	43 3.28	60.8	2	3.441	− 39 53 50.9	70.8	3	18.94
10040	Weisse XXII, 900. .	8.3	43 14.04	59.9	4	3.131	− 7 38 59.5	57.2	6	18.94
10041	μ Pegasi	6.5	22 43 14.79	49.6	10	+ 2.878	+ 23 51 46.9	68.3	2	+ 18.94
10042	21 Piscis Australis . .	6.4	43 37.21	62.1	6	3.327	− 30 16 37.2	57.5	9	18.95
10043	Weisse (2) XXII, 1012	7.8	43 39.24	68.8	2	2.719	+ 38 57 1.7	70.8	2	18.95
10044	Lacaille 9283 . . .	7.0	43 41.50	67.3	2	3.271	− 24 30 24.3	67.1	3	18.95
10045	Lacaille 9284 . . .	7.1	44 11.20	62.8	2	3.432	− 39 41 37.0	65.9	2	18.97
10046	O. Arg. S. 22450 . .	9.4	22 44 21.34	65.7	2	+ 3.272	− 24 46 8.7	70.8	2	+ 18.97
10047	Lacaille 9286 . . .	6.8	44 27.64	68.9	1	3.437	− 40 11 34.4	69.8	1	18.98
10048	ι Cephei	5.0	44 42.36	66.9	3	2.127	+ 65 27 51.4	64.5	8	18.98
10049	γ Piscis Australis . .	5.2	44 44.00	62.2	4	3.359	− 33 37 0.1	58.7	2	18.98
10050	Lacaille 9290 . . .	7.3	44 59.18	63.1	3	3.319	− 29 55 24.9	65.5	3	18.99
10051	λ Aquarii	4.5*	22 45 18.54	62.1	65	+ 3.135	− 8 19 24.9	55.1	8	+ 19.00
10052	Anonymous . . .	7.3	45 24.55	68.9	2	2.726	+ 38 58 18.2	70.8	2	19.00
10053	Lacaille 9292 . . .	6.2	45 32.53	67.3	4	3.432	− 40 9 49.2	69.1	4	19.01
10054	O. Arg. S. 22466 . .	7.0	45 47.69	67.2	2	3.267	− 24 40 14.4	67.8	2	19.01
10055	Weisse XXII, 951 . .	9.0	45 55.62	60.9	2	3.117	− 6 4 36.6	68.4	2	19.02
10056	Weisse XXII, 957 . .	9.0	22 46 9.43	60.8	3	+ 3.117	− 6 5 15.3	68.4	2	+ 19.02
10057	Weisse XXII, 962 . .	8.7	46 21.28	60.4	3	3.123	− 6 51 7.9	57.6	5	19.03
10058	Lacaille 9296 . . .	7.0	46 41.85	62.4	2	3.276	− 25 43 35.0	66.8	2	19.04
10059	75 Aquarii	7.0	46 43.88	60.2	4	3.168	− 12 55 57.4	56.8	4	19.04
10060	B. A. C. 7978 . . .	6.0	46 47.84	59.2	2	2.727	+ 39 25 27.5	53.8	3	19.04
10061	Weisse XXII, 976 . .	7.6	22 47 8.99	67.3	2	+ 3.154	− 11 2 32.7	67.8	2	+ 19.05
10062	δ Aquarii	3.0*	47 13.00	63.5	3	3.196	− 16 33 51.6	62.6	4	19.05
10063	78 Aquarii	6.0	47 16.59	67.4	6	3.130	− 7 56 52.3	68.8	2	19.05
10064	Lacaille 9299 . . .	6.6	47 20.69	63.8	3	3.250	− 23 6 20.9	65.8	2	19.06
10065	Lacaille 9298 . . .	6.0	47 22.81	61.7	4	3.387	− 37 8 1.0	66.8	2	19.06
10066	B. A. C. 7983 . . .	6.0*	22 47 24.70	58.8	2	+ 2.670	+ 44 0 18.7	53.7	3	+ 19.06
10067	O. Arg. S. 22487 . .	7.6	47 35.11	65.7	2	3.263	− 24 42 49.2	67.8	2	19.06
10068	1 Piscium	5.7	47 49.72	63.2	2	+ 3.070	+ 0 19 11.0	68.4	2	19.07
10069	B. A. C. 7990 . . .	5.5	47 55.02	66.5	3	− 0.033	+ 82 24 38.8	64.0	6	19.07
10070	B. A. C. 7986 . . .	5.5	47 55.28	64.8	2	+ 3.114	− 5 43 58.1	67.3	2	19.07

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10071	Lalande 44823	6.8	22 47 59.33	62.1	4	+ 3.230	− 20 53 3.6	57.8	6	+ 19.07
10072	Weisse XXII, 995	6.5	48 5.11	65.9	2	3.119	− 6 26 5.0	65.3	2	19.08
10073	Weisse XXII, 994	8.8	48 6.05	65.8	2	3.151	− 10 51 27.5	68.3	2	19.08
10074	Lacaille 9301	6.4	48 7.29	63.2	3	3.334	− 32 22 41.1	64.8	2	19.08
10075	δ Piscis Australis	5.7	48 11.03	66.3	2	3.343	− 33 17 12.0	68.8	2	19.08
10076	Lalande 44848	6.5	22 48 11.83	68.7	2	+ 2.781	+ 35 14 18.5	47.8	2	+ 19.08
10077	Anonymous	8.2	48 20.10	66.2	2	3.387	− 37 25 25.9	66.9	2	19.08
10078	Lacaille 9307	6.6	48 36.33	62.8	6	3.331	− 32 18 20.1	64.8	2	19.09
10079	O. Arg. S. 22499	8.4	48 40.84	65.7	2	3.259	− 24 35 45.5	68.3	2	19.09
10080	Lalande 44862, (1st *)	8.0	49 9.76	68.7	2	2.781	+ 35 36 2.1	47.8	1	19.11
10081	Lalande 44862, (2d *)	5.5	22 49 13.32	68.7	2	+ 2.781	+ 35 36 17.4	47.8	2	+ 19.11
10082	Weisse XXII, 1017	7.6	49 28.78	65.8	1	3.151	− 11 0 33.1	67.8	2	19.11
10083	Lalande 44860	7.5	49 35.87	60.7	1	3.228	− 21 5 20.8	70.8	2	19.12
10084	Rumker 10753	7.8	49 40.70	68.8	2	2.459	+ 56 37 46.5	53.8	2	19.12
10085	Weisse XXII, 1026	8.0	49 42.49	67.3	2	3.071	+ 0 8 31.4	68.4	2	19.12
10086	O. Arg. S. 22508	8.2	22 49 44.49	65.7	2	+ 3.257	− 24 35 8.8	68.8	3	+ 19.12
10087	α Piscis Australis	1.3*	49 54.22	52.8	203	3.308	− 30 21 46.9	52.0	159	19.13
10088	Lacaille 9313	7.0	50 0.19	66.2	2	3.394	− 38 40 56.9	69.9	2	19.13
10089	16 Lacertæ	6.0*	50 0.55	64.3	2	2.724	+ 40 51 26.6	53.7	3	19.13
10090	B. A. C. 7993	6.5	50 2.27	64.8	2	3.111	− 5 33 25.9	67.9	2	19.13
10091	Lalande 44877	7.5	22 50 6.53	62.4	3	+ 3.226	− 21 1 20.7	61.9	8	+ 19.13
10092	Lacaille 9315, (1st *)	9.0	50 9.60	67.5	5	3.276	− 26 54 47.7	67.8	1	19.13
10093	Lacaille 9315, (2d *)	6.8	50 9.86	67.5	5	3.275	− 26 50 42.4	62.7	2	19.13
10094	B. A. C. 7998	6.1	50 46.67	64.1	3	3.364	− 36 16 3.5	67.9	2	19.15
10095	Weisse XXII, 1049	8.5	50 53.02	59.9	2	3.117	− 6 26 1.7	57.2	5	19.15
10096	Lalande 44918	6.0	22 51 8.92	68.8	1	+ 2.756	+ 38 38 29.3	70.9	2	+ 19.16
10097	Anonymous		51 10.	. .	.	3.272	− 26 50 36.4	69.8	2	19.16
10098	Anonymous		51 10.	. .	.	3.272	− 26 50 44.6	69.8	2	19.16
10099	Anonymous		51 10.	. .	.	3.273	− 26 54 51.2	69.8	1	19.16
10100	Lalande 44922	5.8	51 13.09	68.8	2	2.757	+ 38 33 38.9	63.1	3	19.16
10101	Weisse XXII, 1057	8.5	22 51 19.92	59.9	2	+ 3.116	− 6 25 19.4	57.0	4	+ 19.17
10102	Weisse XXII, 1068	7.9	51 41.50	68.7	2	3.134	− 8 57 41.4	67.5	3	19.17
10103	B. A. C. 8002	6.0	51 55.87	63.2	3	3.300	− 30 12 42.6	70.8	2	19.18
10104	Weisse XXII, 1082	6.0	52 11.59	65.4	2	2.996	+ 10 58 54.9	61.9	2	19.18
10105	2 Piscium	5.5	52 16.93	67.3	2	3.071	+ 0 12 58.5	68.4	2	19.19
10106	Anonymous	8.0	22 52 17.05	68.8	2	+ 2.993	+ 11 26 58.4	65.4	2	+ 19.19
10107	Weisse XXII, 1087	9.0	52 26.19	66.1	3	3.107	− 5 6 41.3	69.3	2	19.19
10108	Weisse XXII, 1088	8.2	52 26.80	64.0	5	3.107	− 5 6 43.1	70.6	4	19.19
10109	Lacaille 9326	7.3	52 28.71	67.2	3	3.420	− 41 54 2.5	66.8	2	19.19
10110	B. A. C. 8007	6.8	52 30.65	63.8	4	3.260	− 25 54 39.5	64.8	2	19.19

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10111	Lacaille 9330 . . .	6.8	22 52 42.31	63.8	2	+ 3.268	− 26 53 52.2	64.8	3	+ 19.20
10112	Lacaille 9331 . . .	6.5	52 48.47	63.6	3	3.264	− 26 22 31.3	65.9	2	19.20
10113	O. Arg. S. 22544 . .	8.1	52 49.23	63.8	2	3.268	− 26 52 57.2	69.4	2	19.20
10114	O. Arg. S. 22545 . .	7.2	52 52.77	68.7	2	3.238	− 23 16 35.2	67.3	2	19.20
10115	B. A. C. 8010 . . .	5.6	53 1.30	48.7	1	3.137	− 9 37 45.4	67.9	2	19.20
10116	Weisse XXII, 1108 .	8.5	22 53 17.31	68.8	2	+ 2.994	+ 11 29 24.9	65.4	2	+ 19.21
10117	Anonymous . . .	9.0	53 18.59	66.8	2	3.125	− 7 49 11.3	67.9	2	19.21
10118	O. Arg. S. 22554 . .	7.6	53 25.67	68.7	2	3.194	− 17 37 52.4	66.3	2	19.22
10119	Lacaille 9333 . . .	6.0	53 40.31	62.4	4	3.289	− 29 36 15.9	62.8	2	19.22
10120	Lacaille 9336 . . .	6.0	53 50.94	66.4	2	3.238	− 23 32 27.5	65.2	2	19.23
10121	Lacaille 9338 . . .	6.5	22 54 1.92	63.7	2	+ 3.234	− 23 10 6.7	63.1	3	+ 19.23
10122	81 Aquarii	5.5	54 6.95	61.9	9	3.124	− 7 48 42.2	57.8	4	19.23
10123	Anonymous . . .	10.0	54 23.69	61.9	2	3.217	− 20 57 40.4	58.5	4	19.24
10124	Lalande 45037 . . .	7.0	54 24.15	68.8	2	2.778	+ 37 57 27.7	48.8	1	19.24
10125	Weisse XXII, 1136 .	7.1	54 29.10	67.8	3	3.123	− 7 42 39.2	67.8	2	19.24
10126	Lalande 45028 . . .	7.9	22 54 34.02	65.8	7	+ 3.102	− 4 35 32.1	65.7	3	+ 19.24
10127	Anonymous . . .	7.8	54 38.30	67.3	2	3.116	− 6 42 58.8	67.9	2	19.25
10128	Lacaille 9343 . . .	6.4	54 46.21	61.2	3	3.356	− 37 10 20.5	66.8	2	19.25
10129	Anonymous . . .	8.6	54 52.16	65.8	4	3.102	− 4 36 6.0	69.3	2	19.25
10130	Weisse XXII, 1149 .	8.0	55 2.87	62.1	4	3.152	− 12 3 48.3	58.6	6	19.26
10131	Weisse XXII, 1150 .	8.3	22 55 3.18	64.4	2	+ 3.152	− 12 3 41.1	63.3	2	+ 19.26
10132	Weisse XXII, 1156 .	8.0	55 12.06	59.4	4	3.151	− 12 1 1.5	55.6	4	19.26
10133	Weisse XXII, 1159 .	9.0	55 12.24	61.9	2	2.994	+ 11 47 7.2	61.8	2	19.26
10134	Lalande 45049 . . .	6.0	55 15.40	59.8	2	3.220	− 21 37 4.6	55.3	4	19.26
10135	82 Aquarii	6.0*	55 16.37	59.8	3	3.120	− 7 19 30.1	68.8	4	19.26
10136	Rumker 10800 . . .	9.0	22 55 17.82	64.8	2	+ 3.098	− 3 57 27.7	68.8	2	+ 19.26
10137	B. A. C. 8026 . . .	5.5*	55 22.30	62.8	2	− 0.245	+ 83 35 49.2	64.0	3	19.26
10138	Anonymous . . .	9.0	55 27.96	67.3	2	+ 3.128	− 8 34 36.7	68.8	2	19.27
10139	o Andromedæ . . .	4.0	55 29.13	58.1	3	2.742	+ 41 34 30.4	69.3	2	19.27
10140	Lalande 45078 . . .	7.5	55 32.73	68.8	2	2.795	+ 36 43 33.3	47.7	1	19.27
10141	B. A. C. 8025 . . .	5.2	22 55 44.30	68.7	2	+ 3.336	− 35 30 20.6	57.6	4	+ 19.27
10142	Lacaille 9351 . . .	6.2	55 49.09	69.4	3	3.400	− 41 34 13.3	69.9	3	19.27
10143	Lacaille 9357 . . .	6.8	56 2.63	63.3	4	3.264	− 27 34 1.5	66.3	2	19.28
10144	Lacaille 9356 . . .	6.6	56 4.53	62.2	6	3.295	− 31 11 54.4	65.9	2	19.28
10145	2 Andromedæ . . .	5.5*	56 10.03	58.8	2	2.741	+ 42 0 19.3	53.7	3	19.28
10146	Anonymous . . .	9.0	22 56 36.81	67.3	2	+ 3.112	− 6 11 46.5	67.8	2	+ 19.29
10147	O. Arg. S. 22587 . .	7.0	56 40.55	68.7	3	3.227	− 22 59 12.7	57.9	2	19.30
10148	β Piscium	4.5	56 45.08	64.0	5	3.053	+ 3 4 1.6	69.4	2	19.30
10149	Lacaille 9352 . . .	7.0	56 51.93	67.7	2	3.343	− 36 39 16.0	69.8	2	19.30
10150	β Pegasi	3.0	56 59.20	45.7	6	2.884	+ 27 19 28.9	64.2	3	19.30

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			h. m. s.			″	° ′ ″			″
10151	Weisse XXII, 1203 .	8.0*	22 57 6.95	62.0	4	+ 3.119	— 7 26 30.1	61.8	2	+ 19.31
10152	Weisse XXII, 1204 .	7.5	57 9.28	68.8	2	3.155	— 12 55 57.7	65.3	2	19.31
10153	Lacaille 9359 . . .	6.8	57 15.34	64.3	4	3.263	— 27 53 22.1	72.9	2	19.31
10154	Anonymous. . . .	8.2	57 22.86	67.3	2	3.111	— 6 14 20.6	70.8	2	19.31
10155	Anonymous. . . .	9.0	57 25.03	60.8	4	3.099	— 4 14 52.2	70.4	2	19.31
10156	Lacaille 9361 . . .	8.7	22 57 43.54	64.4	3	+ 3.240	— 25 6 17.5	68.4	2	+ 19.32
10157	α Pegasi	2.0	57 47.32	53.8	206	2.980	+ 14 27 10.3	50.5	92	19.32
10158	Lalande 45137 . . .	6.4	57 48.04	64.3	4	3.187	— 17 49 56.6	67.8	2	19.32
10159	h^1 Aquarii	6.0	57 51.67	63.0	5	3.125	— 8 26 55.1	68.3	2	19.32
10160	Anonymous. . . .	9.2	57 55.46	68.9	2	2.791	+ 38 10 12.9	69.9	1	19.32
10161	h^2 Aquarii	6.8	22 58 1.31	67.3	2	+ 3.126	— 8 30 33.9	68.3	2	+ 19.33
10162	Weisse XXII, 1220 .	6.5	58 7.75	65.7	2	3.069	+ 0 33 12.5	58.0	4	19.33
10163	Weisse XXII, 1221 .	8.0	58 11.49	63.8	2	3.122	— 7 55 3.7	53.7	2	19.33
10164	B. A. C. 8039 . . .	5.5	58 13.66	65.8	2	2.255	+ 66 27 16.4	66.8	2	19.33
10165	Weisse XXII, 1223 .	8.7	58 13.74	65.7	5	3.103	— 5 0	. .	.	19.33
10166	Weisse XXII, 1228 .	8.1	22 58 18.09	68.8	2	+ 3.066	+ 1 0 41.6	56.4	3	+ 19.33
10167	Weisse XXII, 1232 .	8.0	58 34.46	59.9	2	3.142	— 11 11 32.1	56.0	5	19.34
10168	Anonymous . . .	9.1	58 35.86	67.3	2	3.125	— 8 31 1.5	70.4	2	19.34
10169	B. A. C. 8045 . . .	5.5	59 5.14	63.5	4	3.363	— 39 38 56.5	68.3	2	19.35
10170	c^1 Aquarii	4.0	59 9.30	62.8	5	3.232	— 24 29 56.1	64.3	2	19.35
10171	Lacaille 9373 . . .	6.8	22 59 20.20	63.0	5	+ 3.281	— 30 48 14.1	67.7	2	+ 19.36
10172	Weisse XXII, 1248 .	8.9	59 26.88	65.7	6	3.102	— 4 57 18.4	65.7	3	19.36
10173	Anonymous . . .	7.1	59 35.07	68.7	2	3.322	— 35 37 20.9	65.9	2	19.36
10174	O. Arg. N. 25122. .	8.0	59 42.33	65.4	2	2.270	+ 66 33 34.7	66.8	2	19.37
10175	h^4 Aquarii	6.5	59 54.89	70.2	3	3.124	— 8 26 54.3	69.3	2	19.37
19176	56 Pegasi	5.0	23 0 17.78	57.8	2	+ 2.914	+ 24 42 49.2	67.9	2	+ 19.38
10177	Weisse XXII, 1272 .	9.0	0 40.40	60.3	2	3.105	— 5 31 59.4	58.3	5	19.39
10178	1 Cassiopeæ	6.0*	0 42.25	58.8	2	2.510	+ 58 39 49.2	53.8	3	19.39
10179	B. A. C. 8053 . . .	6.0*	0 46.22	63.2	2	3.266	— 29 34 46.1	62.8	2	19.39
10180	B. A. C. 8056 . . .	6.5*	0 53.98	58.8	2	2.727	+ 45 18 43.0	53.9	2	19.39
10181	Weisse XXII, 1276 .	8.7	23 1 0.84	63.6	4	+ 3.147	— 12 21 18.9	66.8	2	+ 19.40
10182	Lacaille 9379 . . .	7.1	1 21.12	63.8	2	3.241	— 26 35 12.5	65.3	2	19.40
10183	Weisse XXII, 1283 .	9.0*	1 24.86	60.3	2	3.105	— 5 32 11.0	58.2	5	19.40
10184	A Piscium.	5.5*	1 30.70	60.2	4	3.064	+ 1 21 58.3	56.2	4	19.41
10185	c^2 Aquarii	4.2	1 58.61	67.7	3	3.207	— 21 55 53.1	65.8	2	19.42
10186	Weisse XXIII, 9 . .	8.3	23 2 6.66	64.8	2	+ 3.151	— 13 22 38.0	54.9	2	+ 19.42
10187	B. A. C. 8064 . . .	6.4	2 10.42	63.8	3	3.256	— 28 50 48.3	63.7	2	19.42
10188	B. A. C. 8065 . . .	7.5	2 13.38	48.7	1	3.064	+ 1 23 8.7	67.9	2	19.42
10189	Weisse XXIII, 12 . .	9.0	2 19.06	61.4	2	3.148	— 12 48 14.5	67.9	2	19.42
10190	B. A. C. 8066 . . .	5.8	2 21.24	68.7	2	3.365	— 41 20 51.3	62.7	2	19.43

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				h. m. s.			"	° ′ ″			"
10191		Lalande 45323 . . .	7.0	23 2 21.73	68.8	2	+ 2.811	+ 38 9 28.8	55.4	3	+ 19.43
10192		Weisse XXIII, 14 . .	8.7	2 25.21	61.7	3	3.148	− 12 50 41.8	60.2	6	19.43
10193	ι	Gruis	4.8	2 25.35	66.6	3	3.416	− 46 0 20.0	68.3	2	19.43
10194	c^3	Aquarii	4.2	2 25.96	62.4	4	3.215	− 23 12 54.8	67.7	4	19.43
10195		Lacaille 9385 . . .	6.6	2 36.51	67.8	3	3.358	− 40 47 30.2	68.4	2	19.43
10196		Anonymous . . .	9.5	23 2 53.88	63.9	2	+ 3.193	− 20 13 14.4	68.9	3	+ 19.43
10197	58	Pegasi	5.5	2 58.44	66.2	3	3.020	+ 9 3 48.4	68.8	2	19.44
10198		Lalande 45326 . . .	7.0	2 59.26	67.3	2	3.156	− 14 24 14.5	67.9	2	19.44
10199		Lacaille 9388 . . .	6.0	3 12.02	62.9	5	3.264	− 30 16 54.2	65.9	2	19.44
10200		Weisse (2) XXIII, 34 .	7.5	3 20.46	68.7	2	2.833	+ 36 6 13.8	46.8	1	19.45
10201		Weisse (2) XXIII, 35 .	7.1	23 3 24.03	68.7	2	+ 2.834	+ 36 5 23.6	46.8	2	+ 19.45
10202	π	Cephei	5.0*	3 27.14	61.9	4	1.884	+ 74 37 50.5	67.8	1	19.45
10203		O. Arg. S. 22656 . .	7.0	3 40.04	63.5	3	3.243	− 27 40 22.3	64.8	3	19.45
10204		O. Arg. S. 22657 . .	7.0	3 41.70	63.8	2	3.242	− 27 38 55.7	65.8	2	19.45
10205		Anonymous		3 49.74	68.8	1	2.817	+ 38 10 28.8	69.9	1	19.46
10206	6	Andromedæ . . .	6.5*	23 3 59.68	59.0	3	+ 2.773	+ 42 47 34.9	53.7	3	+ 19.46
10207		Weisse XXIII, 45 . .	8.2	4 2.81	64.9	2	3.105	− 5 51 29.3	67.4	2	19.46
10208		Weisse XXIII, 47 . .	7.8	4 5.09	65.8	2	3.058	+ 2 23 37.8	66.8	3	19.46
10209		Weisse XXIII, 48 . .	7.5*	4 7.18	59.8	3	3.048	+ 4 14 42.0	58.7	4	19.46
10210	59	Pegasi	5.5*	4 40.15	54.5	5	3.027	+ 7 57 38.2	54.8	2	19.47
10211		Anonymous . . .	7.9	23 4 41.30	70.1	3	+ 2.830	+ 37 8 8.5	47.8	2	+ 19.47
10212		Weisse XXIII, 61 . .	8.6	4 46.48	65.3	2	3.027	+ 8 2 33.7	68.3	2	19.48
10213		O. Arg. S. 22666 . .	8.9	4 59.93	60.4	9	3.176	− 18 6 52.6	66.8	2	19.48
10214	60	Pegasi	6.0*	5 1.83	51.5	5	2.916	+ 26 5 30.6	53.8	3	19.48
10215		O. Arg. S. 22670 . .	9.0	5 11.07	64.0	9	3.175	− 18 4 55.6	66.8	2	19.49
10216		Anonymous . . .	7.6	23 5 43.80	64.3	2	+ 3.259	− 30 48 56.5	68.3	2	+ 19.50
10217		O. Arg. S. 22682 . .	8.4	6 6.77	66.3	2	3.174	− 18 7 48.7	66.8	1	19.50
10218	7	Andromedæ . . .	5.0*	6 8.82	61.7	2	2.718	+ 48 38 30.6	59.5	5	19.50
10219		Weisse XXIII, 85 . .	9.0*	6 11.79	60.3	2	3.131	− 10 41 30.0	54.8	2	19.51
10220		Weisse XXIII, 88 . .	9.1	6 15.41	62.4	5	3.111	− 7 5 8.6	63.8	3	19.51
10221		Weisse XXIII, 95 . .	8.5	23 6 26.19	67.3	2	+ 3.097	− 4 34 28.2	68.8	2	+ 19.51
10222		Weisse XXIII, 98 . .	9.7	6 28.28	62.4	2	3.110	− 7 3 35.3	69.4	2	19.51
10223		O. Arg. S. 22687 . .	8.8	6 34.92	68.7	2	3.209	− 23 55 56.6	64.9	2	19.51
10224		Anonymous . . .	7.1	6 42.29	65.6	10	3.187	− 20 27 27.2	68.8	2	19.52
10225		Weisse XXIII, 111 .	6.0	6 53.38	64.9	2	3.049	+ 4 14 10.4	58.0	5	19.52
10226		B. A. C. 8084 . . .	7.0*	23 6 54.22	60.2	2	+ 3.090	− 3 23 44.1	54.7	3	+ 19.52
10227		O. Arg. S. 22688 . .	7.1	6 54.61	68.5	2	3.170	− 17 40 13.7	65.9	2	19.52
10228		Weisse XXIII, 112 .	8.4	6 55.74	67.3	2	3.058	+ 2 32 58.1	68.3	2	19.52
10229		O. Arg. S. 22691 . .	8.9	6 56.33	66.4	2	3.172	− 18 8 18.2	69.8	3	19.52
10230	φ	Aquarii	4.8	7 4.23	58.4	26	3.108	− 6 48 10.9	58.4	13	19.52

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			h. m. s.			"	° ′ ″			"
10231	Lalande 45473 . . .	8.6	23 7 7.81	62.4	5	+ 3.181	— 19 38 7.8	60.9	4	+ 19.52
10232	B. A. C. 8088 . . .	5.2	7 11.94	67.9	3	3.346	— 41 51 49.8	57.5	4	19.53
10233	Anonymous . . .	7.1	7 12.42	65.9	2	3.328	— 39 56 22.4	65.9	2	19.53
10234	Lacaille 9411 . . .	6.8	7 50.60	62.8	4	3.217	— 25 36 49.8	63.9	2	19.54
10235	Weisse XXIII, 136 .	8.1	8 6.60	66.6	3	3.100	— 5 17 41.5	67.9	2	19.54
10236	B. A. C. 8091 . . .	7.0*	23 8 7.92	58.8	2	+ 2.917	+ 27 18 33.6	53.8	2	+ 19.54
10237	Lacaille 9414 . . .	6.4	8 10.15	63.3	4	3.249	— 30 36 34.4	67.8	2	19.55
10238	O. Arg. S. 22711 . .	8.2	8 13.29	69.3	2	3.194	— 22 5 18.6	66.8	2	19.55
10239	O. Arg. S. 22712 . .	9.0*	8 15.17	69.8	1	3.199	— 23 1 27.0	69.8	2	19.55
10240	Anonymous . . .	8.0	8 21.38	65.8	2	3.323	— 40 1 51.9	67.4	2	19.55
10241	B. A. C. 8094 . . .	7.0	23 8 21.51	59.2	2	+ 3.094	— 4 15 30.5	53.8	2	+ 19.55
10242	Weisse XXIII, 142 .	8.7	8 26.50	68.8	3	3.106	— 6 27 32.9	55.8	2	19.55
10243	Weisse XXIII, 143 .	9.0*	8 28.04	64.7	2	3.134	— 11 48 22.8	55.5	3	19.55
10244	Piazzi XXIII, 21 . .	7.0	8 28.84	65.3	2	3.069	+ 0 32 50.5	59.0	4	19.55
10245	ψ^1 Aquarii	5.5*	8 33.04	48.3	11	3.124	— 9 50 58.8	65.9	2	19.55
10246	Lacaille 9415 . . .	7.8	23 8 33.18	68.9	2	+ 3.334	— 41 25 36.5	70.3	4	+ 19.56
10247	61 Pegasi	6.0*	8 56.29	45.7	2	2.918	+ 27 29 6.5	54.8	2	19.56
10248	Lacaille 9425 . . .	6.0	9 2.87	65.8	2	3.203	— 23 59 15.1	66.4	2	19.56
10249	Lacaille 9424 . . .	5.8	9 5.82	68.9	2	3.337	— 41 57 29.5	68.4	2	19.56
10250	Lacaille 9426 . . .	6.8	9 7.88	63.8	3	3.238	— 29 26 49.2	62.7	2	19.56
10251	O. Arg. S. 22721 . .	7.0	23 9 10.33	68.9	1	+ 3.191	— 21 56 48.0	69.9	2	+ 19.56
10252	Anonymous . . .	8.0	9 17.02	66.3	2	3.246	— 30 40 13.9	66.8	2	19.57
10253	Lalande 45545 . . .	8.2	9 17.64	68.7	2	3.158	— 16 19 30.9	64.8	2	19.57
10254	O. Arg. S. 22723 . .	6.5	9 24.06	68.8	2	3.190	— 21 57 53.1	64.4	2	19.57
10255	O. Arg. S. 22727 . .	6.9	9 35.25	68.8	2	3.176	— 19 38 11.4	67.3	2	19.57
10256	Lacaille 9429 . . .	6.0	23 9 37.25	69.3	2	+ 3.235	— 29 11 53.5	62.7	2	+ 19.57
10257	B. A. C. 8104 . . .	6.0*	9 39.42	59.8	2	2.090	+ 73 28 7.5	53.9	2	19.57
10258	Weisse XXIII, 177 .	9.0	9 52.81	62.3	4	3.053	+ 3 41 54.2	57.8	3	19.58
10259	γ Piscium	4.5	9 54.62	62.6	89	3.059	+ 2 31 4.8	60.7	14	19.58
10260	Weisse XXIII, 183 .	9.0	10 11.01	62.2	4	3.053	+ 3 41 14.4	57.8	2	19.58
10261	Lalande 45588 . . .	7.8	23 10 14.96	68.9	2	+ 2.853	+ 37 11 51.7	47.6	1	+ 19.58
10262	Weisse XXIII, 185 .	7.0	10 21.46	59.4	2	3.136	— 12 28 37.4	54.8	2	19.59
10263	Weisse XXIII, 188 .	8.0	10 25.21	63.8	2	3.141	— 13 33 29.5	67.4	2	19.59
10264	Lacaille 9432 . . .	6.0	10 25.56	67.8	2	3.327	— 41 35 6.1	66.8	3	19.59
10265	Anonymous . . .	8.0	10 31.49	68.8	2	3.104	— 6 19 50.2	56.1	3	19.59
10266	ψ^2 Aquarii	5.0*	23 10 37.58	51.6	10	+ 3.122	— 9 56 45.6	60.3	4	+ 19.59
10267	O. Arg. S. 22743 . .	6.0	11 6.54	68.8	2	3.173	— 19 36 23.7	67.3	2	19.60
10268	γ Sculptoris	5.0	11 15.17	63.3	2	3.257	— 33 17 39.1	66.3	2	19.60
10269	Lacaille 9437 . . .	6.8	11 22.38	66.4	2	3.243	— 31 18 58.5	63.8	2	19.61
10270	Lacaille 9436 . . .	6.9	11 22.54	64.0	5	3.231	— 29 30 19.0	62.7	2	19.61

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			h. m. s.			"	° ′ ″			"
10271	Weisse XXIII, 222	8.0	23 11 30.12	68.8	2	+ 3.104	— 6 23 35.8	62.3	2	+ 19.61
10272	Lacaille 9439	6.2	11 32.94	68.7	2	3.229	— 29 9 9.5	62.7	2	19.61
10273	Weisse XXIII, 227	7.2	11 39.69	66.3	2	3.060	+ 2 29 5.5	67.3	2	19.61
10274	ψ^{10} Aquarii	5.0*	11 40.60	50.6	17	3.123	— 10 22 31.8	52.2	11	19.61
10275	Lacaille 9440	6.6	11 45.12	63.6	5	3.306	— 39 55 21.1	65.9	2	19.61
10276	Lacaille 9443	8.5	23 12 3.30	67.3	2	+ 3.329	— 42 43 38.2	70.3	2	+ 19.62
10277	Lalande 45648	7.8	12 4.77	68.7	2	3.169	— 19 19 12.4	61.9	2	19.62
10278	Lacaille 9444	6.6	12 8.08	63.9	2	3.262	— 34 28 19.5	68.8	2	19.62
10279	96 Aquarii	5.0	12 8.33	61.2	4	3.101	— 5 53 19.9	67.9	2	19.62
10280	Anonymous	7.5	12 9.78	69.4	7	3.298	— 39 12 31.3	67.4	2	19.62
10281	Weisse XXIII, 242	8.8	23 12 32.81	67.3	2	+ 3.083	— 2 20 22.3	68.8	2	+ 19.63
10282	Lacaille 9447	7.1	12 36.82	63.2	3	3.192	— 23 35 15.7	64.8	2	19.63
10283	Lacaille 9445	7.5	12 40.82	69.7	2	3.336	— 43 54 53.7	67.8	2	19.63
10284	Weisse XXIII, 246	8.5	12 51.72	67.3	2	3.083	— 2 22 11.6	69.2	3	19.63
10285	o Cephei	5.5*	12 53.61	65.6	2	2.418	+ 67 20 45.9	64.8	6	19.63
10286	Anonymous	7.8	23 12 58.88	69.3	6	+ 3.295	— 39 15 39.1	64.3	2	+ 19.63
10287	B. A. C. 8123	7.0*	13 0.27	58.7	3	3.094	— 4 40 50.3	53.8	2	19.64
10288	O. Arg. S. 22766	8.3	13 3.07	65.5	4	3.175	— 20 47 32.7	67.8	2	19.64
10289	Anonymous	7.8	13 12.38	69.3	2	3.260	— 34 39 50.8	67.4	2	19.64
10290	b Piscium	5.1	13 12.72	61.8	9	3.050	+ 4 37 4.4	58.5	6	19.64
10291	Anonymous	9.0	23 13 19.64	67.3	4	+ 3.116	— 9 18 56.6	67.8	2	+ 19.64
10292	B. A. C. 8129	7.0*	13 27.80	60.7	2	3.104	— 6 40 18.2	60.4	4	19.64
10293	Anonymous	7.5	13 33.76	68.8	2	3.166	— 19 19 13.5	62.8	1	19.65
10294	Lalande 45704	8.0	13 34.23	62.9	7	3.166	— 19 18 32.4	60.1	4	19.65
10295	τ Pegasi	5.0	13 42.68	46.4	4	2.958	+ 22 58 27.3	68.9	2	19.65
10296	B. A. C. 8132	6.4	23 13 47.49	63.6	5	+ 3.213	— 27 45 8.6	63.3	2	+ 19.65
10297	O. Arg. S. 22779	7.0	13 56.15	68.8	2	3.200	— 25 38 23.3	66.4	2	19.65
10298	12 Andromedæ	6.0*	14 8.24	66.3	2	2.869	+ 37 25 6.3	66.4	2	19.66
10299	B. A. C. 8134	6.5*	14 8.50	65.7	1	3.097	— 5 26 15.6	68.4	2	19.66
10300	64 Pegasi	5.5	15 5.26	58.7	2	2.915	+ 31 2 47.6	72.8	2	19.67
10301	Lalande 45758	7.8	23 15 11.24	67.7	2	+ 3.077	— 1 10 21.7	68.9	3	+ 19.67
10302	97 Aquarii	7.0	15 18.68	67.2	2	3.145	— 15 48 24.5	67.3	2	19.68
10303	Lacaille 9453	7.1	15 24.82	63.8	4	3.188	— 24 13 0.4	65.8	3	19.68
10304	Anonymous	8.0	15 34.88	69.9	1	2.486	+ 66 17 25.7	69.9	1	19.68
10305	b^1 Aquarii	4.5	15 36.90	60.8	3	3.170	— 20 51 53 2	67.8	2	19.68
10306	B. A. C. 8145	7.3	23 15 38.86	59.9	2	+ 3.307	— 42 22 12.1	66.8	2	+ 19.68
10307	O. Arg. S. 22798	7.7	15 39.89	63.4	2	3.187	— 24 9 30.4	65.8	2	19.68
10308	Weisse XXIII, 309	8.0	15 43.82	58.8	4	3.124	— 11 32 31.7	55.5	3	19.68
10309	O. Arg. S. 22800	7.0	15 47.87	66.8	2	3.194	— 25 22 54.6	67.3	2	19.68
10310	B. A. C. 8150	5.8	16 3.81	68.8	2	3.317	— 43 53 36.3	62.8	2	19.69

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			h. m. s.			″	° ′ ″			″
10311	Lacaille 9458 . . .	6.9	23 16 14.09	65.3	2	+ 3.230	− 31 52 45.7	65.9	2	+ 19.69
10312	Anonymous . . .	8.5	16 16.24	68.8	3	3.244	− 34 8 38.3	64.8	2	19.69
10313	B. A. C. 8154, (1st *) .	8.0*	16 29.64	61.9	3	3.113	− 9 13 37.7	65.9	2	19.70
10314	B. A. C. 8154, (2d *) .	7.5*	16 30.13	61.9	2	3.113	− 9 13 36.6	65.9	2	19.70
10315	Lalande 45804 . . .	8.0*	16 31.69	59.8	3	3.157	− 18 33 26.5	58.4	4	19.70
10316	B. A. C. 8155 . . .	6.9	23 16 41.23	64.6	5	+ 3.176	− 22 32 20.5	62.7	2	+ 19.70
10317	Lacaille 9461 . . .	6.8	16 51.76	62.7	2	3.267	− 37 58 8.6	67.8	2	19.70
10318	Anonymous . . .	8.2	16 56.23	68.9	2	2.885	+ 36 53 9.7	47.8	2	19.70
10319	O. Arg. S. 22817 . .	9.0	17 3.70	64.0	4	3.153	− 18 5 15.6	66.8	2	19.70
10320	Weisse XXIII, 340 .	6.3	17 14.48	68.8	3	3.048	+ 5 25 6.8	61.8	2	19.71
10321	Weisse XXIII, 342 .	7.0	23 17 21.43	68.8	2	+ 3.012	+ 13 42 42.3	61.8	2	+ 19.71
10322	B. A. C. 8158 . . .	6.0*	17 46.92	59.2	2	2.698	+ 56 46 2.6	53.7	2	19.72
10323	Radcliffe 6064 . . .	8.0	17 50.57	67.7	2	2.730	+ 54 25 4.2	67.8	1	19.72
10324	Lalande 45838 . . .	8.8	17 51.11	60.8	2	3.156	− 18 51 50.5	58.4	4	19.72
10325	Weisse (2) XXIII, 363	7.0	17 55.92	68.9	2	2.897	+ 35 35 37.5	46.8	2	19.72
10326	Lacaille 9468 . . .	7.5	23 17 58.18	62.8	4	+ 3.217	− 30 46 32.2	65.3	2	+ 19.72
10327	67 Pegasi	6.0	17 59.94	68.8	2	2.922	+ 31 36 58.3	64.7	3	19.72
10328	Weisse XXIII, 359 .	8.8	18 14.48	69.7	2	3.050	+ 5 16 20.3	58.4	4	19.72
10329	ν Pegasi	5.0	18 23.73	62.0	4	2.971	+ 22 38 1.7	60.0	7	19.73
10330	Radcliffe 6067 . . .	7.8	18 29.61	65.6	5	2.737	+ 54 19 2.3	66.3	4	19.73
10331	4 Cassiopeæ	5.0*	23 18 38.21	45.8	17	+ 2.630	+ 61 30 52.4	67.9	2	+ 19.73
10332	Lacaille 9473 . . .	6.6	18 45.01	63.3	4	3.200	− 28 11 40.8	62.7	2	19.73
10333	B. A. C. 8167 . . .	6.3	19 12.39	66.8	5	3.170	− 22 30 36.9	65.3	2	19.74
10334	Weisse XXIII, 377 .	8.5	19 20.28	60.8	2	3.117	− 10 48 13.2	54.8	2	19.74
10335	Rumker 11173 . . .	8.4	19 33.42	67.2	5	2.745	+ 54 20 16.4	67.9	1	19.74
10336	Lacaille 9479 . . .	7.5	23 19 37.92	63.8	2	+ 3.174	− 23 29 34.5	63.8	2	+ 19.75
10337	Lalande 45892 . . .	6.8	19 38.18	68.9	2	3.139	− 16 0 59.4	66.4	2	19.75
10338	Weisse XXIII, 386 .	9.2	19 38.90	65.8	3	3.068	+ 0 55 49.1	65.8	3	19.75
10339	Anonymous. . . .	. .	19 42.93	46.4	1	2.543	+ 66 9 6.3	46.2	1	19.75
10340	Anonymous	8.0	19 44.	. .	.	2.541	+ 66 13 56.7	69.1	1	19.75
10341	κ Piscium	4.8	23 19 45.35	61.7	63	+ 3.070	+ 0 29 22.9	58.7	23	+ 19.75
10342	Anonymous . . .	7.0	19 45.51	46.4	1	2.543	+ 66 9 36.3	69.8	1	19.75
10343	Anonymous . . .	7.8	20 3.78	65.7	1	2.752	+ 54 4	. .	.	19.75
10344	9 Piscium	6.0	20 4.51	54.6	6	3.071	+ 0 21 14.8	60.3	4	19.75
10345	Lacaille 9482 . . .	7.0	20 6.59	68.8	2	3.195	− 28 2 58.4	66.4	2	19.75
10346	Anonymous . . .	8.1	23 20 8.10	68.5	4	+ 2.751	+ 54 12 15.2	67.8	2	+ 19.75
10347	Anonymous . . .	6.8	20 9.71	68.9	2	3.230	− 34 23 39.8	64.9	3	19.75
10348	Anonymous . . .	7.8	20 11.33	65.7	1	2.753	+ 54 4	. .	.	19.75
10349	13 Andromedæ . . .	5.8	20 23.04	69.4	2	2.864	+ 42 8 28.0	57.7	3	19.76
10350	Radcliffe 6079 . . .	7.8	20 23.09	69.4	3	2.753	+ 54 12 16.1	67.8	2	19.76

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10351	Anonymous . . .	7.8	23 20 23.18	65.7	1	+ 2.755	+ 54 4	. .	.	+ 19.76
10352	B. A. C. 8173 . . .	6.0*	20 24.26	58.8	2	2.443	+ 69 54 53.5	53.8	2	19.76
10353	B. A. C. 8172 . . .	7.0	20 29.24	63.3	4	3.241	− 36 18 54.0	65.3	2	19.76
10354	O. Arg. S. 22851 . .	6.6	20 37.85	68.9	2	3.138	− 16 4 7.7	64.4	2	19.76
10355	Radcliffe 6081 . . .	8.0	20 39.51	66.4	10	2.758	+ 54 5 43.0	66.6	5	19.76
10356	Anonymous . . .	8.8	23 20 39.56	70.2	5	+ 2.757	+ 54 1 54.9	68.1	3	+ 19.76
10357	69 Pegasi	6.5	20 43.37	62.4	3	2.969	+ 24 23 56.1	69.3	2	19.76
10358	B. A. C. 8175 . . .	6.0	20 47.91	68.9	3	3.121	— 12 13 10.6	54.8	2	19.76
10359	θ Piscium	5.0*	20 51.94	66.4	21	3.050	+ 5 36 37.9	63.5	15	19.76
10360	Rumker 11206 . . .	8.2	20 59.35	69.7	2	2.755	+ 54 25 51.0	68.8	2	19.77
10361	Anonymous . . .	8.0	23 20 59.55	70.9	2	+ 3.236	− 35 52 41.7	66.8	1	+ 19.77
10362	Lacaille 9489 . . .	6.5	21 1.31	63.7	3	3.183	− 26 11 25.3	63.9	4	19.77
10363	Santini 1633. . . .	. .	21 8.64	61.8	4	3.051	+ 5 18 19.0	57.5	6	19.77
10364	Weisse XXIII, 419 .	8.0	21 20.88	65.8	2	3.052	+ 5 2 16.2	66.8	2	19.77
10365	Weisse XXIII, 423 .	9.0	21 36.70	64.4	2	3.115	− 10 52 17.4	56.1	3	19.78
10366	Weisse (2) XXIII, 457.	7.2	23 21 51.68	69.4	2	+ 2.894	+ 38 50 56.9	46.6	1	+ 19.78
10367	Anonymous . . .	9.5	21 58.59	69.8	1	3.050	+ 5 36 16.1	69.9	1	19.78
10368	Anonymous . . .	8.0	21 58.63	68.0	5	2.768	+ 54 2 40.0	68.1	3	19.78
10369	Anonymous . . .	8.0	22 1.70	67.3	2	2.769	+ 54 8 47.3	67.8	3	19.78
10370	11 Piscium	5.5	22 15.83	58.8	2	3.082	− 2 33 39.6	72.8	3	19.78
10371	B. A. C. 8184 . . .	6.0	23 22 17.81	64.1	8	+ 3.092	− 5 17 41.7	61.3	8	+ 19.79
10372	12 Piscium	6.0	22 19.63	45.7	2	3.079	− 1 48 19.7	68.9	3	19.79
10373	Santini 1635. . . .	8.2	22 24.70	61.3	2	3.052	+ 5 19 56.1	57.1	3	19.79
10374	Weisse XXIII, 443 .	8.4	22 25.17	65.4	2	3.071	+ 0 20 0.0	60.8	4	19.79
10375	Anonymous . . .	8.0	22 41.34	69.7	3	2.770	+ 54 21 57.0	68.8	2	19.79
10376	Weisse XXIII, 449 .	8.0	23 22 45.90	65.4	2	+ 3.071	+ 0 23 33.8	60.8	4	+ 19.79
10377	Weisse XXIII, 452 .	9.0	22 48.36	68.7	2	3.045	+ 7 2 54.4	61.8	2	19.79
10378	Lacaille 9497 . . .	7.1	22 54.00	63.8	3	3.162	− 22 39 19.8	62.8	3	19.79
10379	Lacaille 9496 . . .	7.2	23 3.02	63.0	5	3.238	− 37 43 45.5	67.8	2	19.80
10380	Anonymous . . .	7.1	23 6.83	68.8	2	3.246	− 39 6 0.5	64.8	2	19.80
10381	Weisse XXIII, 458 .	8.5	23 23 14.60	61.1	4	+ 3.051	+ 5 39 16.5	58.8	4	+ 19.80
10382	Lacaille 9499 . . .	7.2	23 16.95	63.8	3	3.171	− 24 58 7.4	62.7	2	19.80
10383	Lacaille 9500 . . .	7.2	23 26.98	63.3	4	3.226	− 35 52 40.7	67.8	1	19.80
10384	B. A. C. 8187 . . .	7.0*	23 29.03	59.3	2	2.309	+ 74 27 15.6	53.8	2	19.80
10385	Weisse XXIII, 463 .	8.6	23 36.22	59.4	4	3.113	− 10 55 39.0	55.5	3	19.80
10386	Lalande 46047 . . .	6.0	23 23 49.90	68.8	2	+ 2.908	+ 37 53 24.5	48.8	2	+ 19.81
10387	Weisse XXIII, 473 .	6.8	23 56.51	68.8	2	3.066	+ 1 35 36.7	66.7	2	19.81
10388	Weisse XXIII, 476 .	8.0	24 12.62	68.9	2	3.090	− 5 1 22.0	58.1	3	19.81
10389	Lacaille 9507 . . .	5.7	24 17.92	67.3	2	3.262	− 42 31 31.6	68.4	2	19.81
10390	b^3 Aquarii	6.5	24 21.38	65.3	2	3.156	− 22 8 29.7	58.4	3	19.81

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10391	14 Andromedæ . . .	6.0*	23 24 25.05	68.9	2	+ 2.908	+ 38 28 2.6	47.4	2	+ 19.81
10392	B. A. C. 8196 . . .	7.0	24 28.28	65.2	2	3.156	— 22 1 16.3	62.8	3	19.82
10393	Lacaille 9508 . . .	6.7	24 33.00	64.2	3	3.175	— 26 31 2.6	63.8	2	19.82
10394	Anonymous. . . .	7.2	24 48.26	65.3	2	3.157	— 22 34 32.2	65.5	3	19.82
10395	Santini 1636. . . .	6.9	25 5.69	61.0	5	3.050	+ 6 18 53.0	57.8	5	19.82
10396	Lalande 46097 . . .	7.5	23 25 7.04	69.3	2	+ 2.916	+ 37 32 6.1	47.8	2	+ 19.82
10397	β Sculptoris	4.4	25 27.18	63.5	3	3.232	— 38 35 31.2	65.9	2	19.83
10398	Anonymous . . .	6.2	25 31.83	68.9	2	2.936	+ 34 10 49.6	47.8	1	19.83
10399	O. Arg. S. 22897 . .	8.4	25 45.88	64.3	3	3.148	— 20 51 34.2	67.3	2	19.83
10400	δ^4 Aquarii	5.5	25 56.82	63.3	2	3.151	— 21 41 16.7	67.8	2	19.84
10401	Lacaille 9516 . . .	6.8	23 26 0.30	63.5	4	+ 3.196	— 32 3 44.7	66.4	2	+ 19.84
10402	71 Pegasi	5.5*	26 27.72	45.7	7	2.994	+ 21 43 35.0	67.9	2	19.84
10403	B. A. C. 8204 . . .	7.0*	26 34.10	58.8	2	2.500	+ 71 13 45.2	53.8	2	19.84
10404	Lacaille 9519 . . .	6.6	26 37.96	65.2	3	3.165	— 25 37 59.7	62.8	2	19.84
10405	Weisse XXIII, 534 .	9.2	26 44.26	60.3	2	3.054	+ 5 11 28.2	55.8	3	19.85
10406	14 Piscium.	5.7	23 26 57.16	56.5	4	+ 3.079	— 2 1 13.1	67.8	2	+ 19.85
10407	Anonymous . . .	7.8	27 9.63	68.8	2	3.227	— 39 2 23.3	64.8	2	19.85
10408	O. Arg. S. 22911 . .	8.5	27 17.69	64.8	4	3.133	— 17 46 14.4	68.8	3	19.85
10409	Weisse XXIII, 528 .	9.0	27 26.49	63.4	5	3.021	+ 15 11 42.7	61.9	2	19.85
10410	Lacaille 9524 . . .	6.9	27 26.87	63.2	2	3.209	— 35 51 23.3	65.3	2	19.85
10411	Lalande 46188 . . .	6.0	23 27 47.66	68.8	2	+ 2.931	+ 37 1 20.8	48.7	1	+ 19.86
10412	B. A. C. 8213 . . .	5.8	27 49.85	63.2	19	— 0.017	+ 86 32 6.5	64.2	13	19.86
10413	Weisse XXIII, 539 .	9.0	27 50.92	65.4	2	+ 3.022	+ 15 6 8.8	67.3	2	19.86
10414	Lacaille 9527 . . .	6.6	28 16.70	64.0	4	3.171	— 28 15 30.8	62.7	2	19.86
10415	Rumker 11367 . . .	8.1	28 17.84	68.8	2	3.098	— 7 55 31.4	57.9	2	19.86
10416	B. A. C. 8214 . . .	6.0	23 28 18.66	65.4	2	+ 3.099	— 8 14 20.9	67.8	2	+ 19.86
10417	15 Piscium.	6.5	28 19.10	45.7	2	3.070	+ 0 33 24.6	67.9	2	19.86
10418	Lacaille 9528 . . .	6.7	28 36.67	63.8	3	3.184	— 31 25 11.1	68.4	2	19.87
10419	B. A. C. 8217 . . .	6.0*	28 55.46	58.8	2	2.551	+ 70 52 7.4	53.8	2	19.87
10420	Weisse XXIII, 592 .	8.0	29 4.52	59.5	3	3.097	— 7 53 25.9	57.9	2	19.87
10421	16 Piscium.	6.0*	23 29 14.66	60.8	2	+ 3.068	+ 1 19 30.9	58.8	2	+ 19.88
10422	Lacaille 9532 . . .	7.4	29 19.83	64.8	2	3.159	— 26 0 49.4	63.4	2	19.88
10423	Anonymous . . .	6.7	29 29.25	65.8	3	3.209	— 37 34 29.6	69.3	2	19.88
10424	Weisse XXIII, 602 .	9.0	29 40.28	58.8	2	3.056	+ 5 8 34.1	54.3	7	19.88
10425	Lacaille 9534 . . .	6.2	29 40.90	63.0	5	3.185	— 32 38 43.8	63.3	2	19.88
10426	Weisse XXIII, 609 .	8.5	23 29 59.62	64.6	5	+ 3.078	— 1 53 22.0	68.9	3	+ 19.88
10427	Weisse XXIII, 613 .	9.0	30 5.24	62.5	4	3.078	— 1 49 27.7	65.8	4	19.89
10428	Lacaille 9539 . . .	7.0	30 31.03	64.9	2	3.154	— 25 39 0.6	62.8	2	19.89
10429	Weisse (2) XXIII, 658.	6.5	30 32.15	68.8	3	2.952	+ 35 2 29.2	59.9	3	19.89
10430	Lacaille 9540 . . .	7.7	30 33.61	65.8	2	3.228	— 42 20 28.4	67.8	3	19.89

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10431	B. A. C. 8223 . . .	6.0*	23 30 42.08	59.1	3	+ 2.909	+ 43 39 17.3	53.7	2	+ 19.89
10432	B. A. C. 8225 . . .	6.0	30 46.27	65.4	2	3.120	− 15 51 57.6	66.4	2	19.89
10433	Lamont 9262 . . .	10.0*	31 0.68	61.9	2	3.077	− 1 36 4.2	65.9	2	19.90
10434	Lamont 9263 . . .	9.5*	31 5.14	61.8	4	3.077	− 1 38 37.6	65.9	2	19.90
10435	ι Andromedæ . . .	5.0	31 16.78	65.2	2	2.919	+ 42 29 33.9	62.9	2	19.90
10436	Lacaille 9542 . . .	7.0	23 31 26.51	67.8	3	+ 3.223	− 42 15 1.2	67.8	3	+ 19.90
10437	Lamont 9269 . . .	7.3	32 16.37	61.9	3	3.077	− 1 45 11.0	67.4	2	19.91
10438	Lacaille 9548 . . .	7.5	32 22.74	67.3	2	3.141	− 23 18 27.0	63.8	2	19.91
10439	Lacaille 9547 . . .	6.6	32 26.82	63.0	5	3.178	− 33 30 26.7	65.8	2	19.91
10440	ι Piscium	4.6	32 44.99	57.0	175	3.058	+ 4 52 6.2	55.1	57	19.91
10441	Lacaille 9550 . . .	6.8	23 33 5.57	65.9	2	+ 3.152	− 26 58 19.2	62.8	2	+ 19.92
10442	Lacaille 9551 . . .	8.7	33 15.13	62.9	3	3.172	− 32 41 22.1	63.3	2	19.92
10443	μ Sculptoris	4.0	33 16.93	62.9	2	3.172	− 32 50 47.2	65.8	2	19.92
10444	Weisse XXIII, 678 .	8.6	33 19.65	68.7	2	3.078	− 2 8 9.2	62.9	2	19.92
10445	Weisse XXIII, 679 .	7.0	33 23.17	65.4	2	3.053	+ 7 3 49.1	69.9	3	19.92
10446	Weisse XXIII, 683 .	7.7	23 33 31.40	65.4	2	+ 3.053	+ 7 6 37.8	60.8	3	+ 19.92
10447	Weisse XXIII, 685 .	8.5	33 34.48	60.9	3	3.053	+ 7 9 51.1	58.7	2	19.92
10448	Lacaille 9554 . . .	7.5	33 35.80	67.3	2	3.195	− 38 38 34.2	68.4	2	19.92
10449	γ Cephei	3.0	33 38.09	52.5	51	2.415	+ 76 51 1.6	49.3	126	19.92
10450	Weisse (2) XXIII, 734	5.5	33 41.48	68.8	2	2.961	+ 35 56 38.5	46.8	2	19.92
10451	Lacaille 9555 . . .	6.3	23 33 48.30	66.4	2	+ 3.143	− 24 56 8.8	62.7	2	+ 19.93
10452	A[1] Aquarii	6.1	34 18.60	65.4	2	3.123	− 18 48 2.0	66.3	2	19.93
10453	O. Arg. S. 22993 . .	7.9	34 28.73	65.0	4	3.128	− 20 32 1.2	67.3	2	19.93
10454	B. A. C. 8241 . . .	6.2	34 30.07	68.8	2	3.211	− 43 2 37.1	62.7	2	19.93
10455	Weisse XXIII, 705 .	8.5	34 33.38	63.8	2	3.053	+ 7 25 41.3	60.9	3	19.93
10456	Santini 1649 . . .	6.3	23 34 48.85	59.5	6	+ 3.055	+ 6 28 33.4	59.6	9	+ 19.94
10457	λ Piscium	5.0*	34 54.26	57.2	13	3.069	+ 1 0 35.2	56.1	5	19.94
10458	B. A. C. 8247 . . .	7.5*	35 26.54	60.3	2	3.026	+ 17 53 28.4	59.0	5	19.94
10459	ω^2 Aquarii	5.5	35 27.60	68.8	2	3.111	− 15 19 7.5	53.8	2	19.94
10460	Lacaille 9568 . . .	6.9	35 42.38	63.0	6	3.153	− 29 49 11.6	63.8	2	19.94
10461	Lacaille 9567 . . .	6.6	23 35 43.91	62.5	4	+ 3.181	− 37 33 43.5	66.4	2	+ 19.94
10462	Lacaille 9570 . . .	6.5	36 1.25	63.4	3	3.166	− 33 51 28.3	62.7	2	19.95
10463	Weisse XXIII, 730 .	7.5	36 8.07	68.7	2	3.076	− 1 29 2.3	61.8	2	19.95
10464	77 Pegasi	5.5*	36 14.99	46.3	2	3.049	+ 9 33 16.7	67.9	2	19.95
10465	Anonymous . . .	7.8	36 15.32	68.8	2	2.971	+ 36 9 38.3	47.9	2	19.95
10466	B. A. C. 8252 . . .	7.0*	23 36 17.38	59.2	2	+ 2.893	+ 52 22 33.0	53.7	2	+ 19.95
10467	Lacaille 9576 . . .	6.7	36 31.09	64.5	3	3.165	− 34 12 15.7	67.2	3	19.95
10468	Lacaille 9578 . . .	7.0	36 46.84	67.3	2	3.191	− 41 27 46.7	67.8	2	19.95
10469	Lalande 46496, (1st *) .	8.0	36 48.21	68.8	2	3.057	+ 6 28 25.5	60.4	2	19.95
10470	Lalande 46496, (2d *) .	. .	36 48.28	68.8	1	3.057	+ 6 28 25.5	60.4	2	19.95

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			h. m. s.			"	° ′ ″			"
10471	Weisse XXIII, 749 .	9.5	23 36 59.07	61.3	4	+ 3.053	+ 8 10 0.6	61.9	2	+ 19.96
10472	O. Arg. S. 23022 . .	6.0	37 11.48	64.2	5	3.140	— 27 1 21.6	63.0	4	19.96
10473	B. A. C. 8257 . . .	8.0	37 40.35	58.8	2	3.057	+ 6 24 56.0	60.4	5	19.96
10474	Weisse XXIII, 767 .	6.9	37 49.51	68.8	4	3.075	— 1 26 14.4	68.8	4	19.96
10475	Lacaille 9583 . . .	7 5	38 37.79	62.9	3	3.172	— 38 45 10.8	62.7	2	19.97
10476	i^2 Aquarii	6.0	23 38 44.43	61.4	2	+ 3.116	— 19 27 24.5	65.9	2	+ 19.97
10477	Weisse XXIII, 783 .	8.1	38 49.88	61.8	6	3.073	— 0 30 47.9	61.8	2	19.97
10478	B. A. C. 8260 . . .	7.7	39 7.08	64.8	2	3.183	— 42 19 40.0	67.4	2	19.97
10479	19 Piscium	5.0	39 14.38	54.1	10	3.066	+ 2 42 36.3	67.8	2	19.97
10480	Weisse XXIII, 803 .	8.8	39 52.49	59.5	3	3.063	+ 4 28 22.1	55.5	3	19.98
10481	Lacaille 9597 . . .	7.0	23 40 9.94	63.5	3	+ 3.165	— 38 56 2.8	67.7	5	+ 19.98
10482	Weisse XXIII, 809 .	8.5	40 11.76	66.3	2	3.077	— 2 17 7.1	67.8	2	19.98
10483	τ Cassiopeæ	5.0	40 13.82	66.5	3	2.889	+ 57 52 19.9	62.0	12	19.98
10484	Lalande 46609 . . .	7.2	40 27.45	65.7	4	3.082	— 5 14 21.9	65.6	3	19 98
10485	Weisse XXIII, 817 .	7.0*	40 31.67	60.8	4	3.075	— 1 32 19.2	58.8	8	19.98
10486	B. A. C. 8269 . . .	7.0	23 40 35.63	66.1	3	+ 3.065	+ 3 27 8.8	53.9	2	+ 19.98
10487	B. A. C. 8270 . . .	7.0	40 39.87	66.4	3	3.065	+ 3 23 55.7	67.9	2	19.98
10488	20 Piscium	4.5	40 44.67	55.9	8	3.079	— 3 32 22.4	67.9	2	19.99
10489	O. Arg. S. 23052 . .	7.2	40 56.26	68.7	2	3.107	— 17 28 30.1	65.9	2	19.99
10490	Weisse XXIII, 828 .	9.0	40 58.59	61.6	5	3.054	+ 9 22 11.8	65.6	6	19.99
10491	Weisse XXIII, 830 .	8.5	23 41 1.67	61.3	2	+ 3.075	— 1 33 7.5	56.8	4	+ 19.99
10492	O. Arg. S. 23054 . .	7.7	41 2.69	62.9	2	3.132	— 28 40 21.7	68.3	2	19.99
10493	B. A. C. 8272 . . .	6.3	41 3.27	66.2	3	3.058	+ 7 28 8.2	58.8	4	19.99
10494	Weisse XXIII, 831 .	7.0	41 5.89	58.8	2	3.060	+ 6 23 11.3	60.4	4	19.99
10495	Lalande 46632 . . .	7.6	41 9.78	68.8	2	3.058	+ 7 24 38.3	56.1	3	19.99
10496	Groombridge 4142. .	7.0	23 41 20.21	69.7	2	+ 2.858	+ 63 2 23.8	68.2	3	+ 19.99
10497	B. A. C. 8274 . . .	5.5	41 20.73	57.3	2	3.086	— 7 9 27.5	68.4	2	19.99
10498	Weisse XXIII, 845 .	9.5	41 31.18	65.7	2	3.072	+ 0 13 41.4	69.1	3	19.99
10499	Weisse XXIII, 848 .	8.0	41 33.89	65.6	3	3.082	— 5 12 47.4	65.6	3	19.99
10500	δ Sculptoris	4.6	41 37.70	62.0	36	3.131	— 28 54 16.3	58.7	12	19.99
10501	B. A. C. 8280 . . .	7.0*	23 42 3.03	61.7	1	+ 2.897	+ 59 12 1.8	53.8	2	+ 19.99
10502	Lacaille 9605 . . .	6.5	42 3.71	62.8	4	3.129	— 28 37 50.4	64.8	2	19.99
10503	Lacaille 9606 . . .	7.0	42 11.05	63.9	2	3.115	— 22 23 30.4	68.6	3	20.00
10504	Anonymous . . .	8.0	42 15.04	68.8	2	3.137	— 32 10 53.1	60.4	3	20.00
10505	21 Piscium	6.0	42 17.39	58.3	12	3.072	+ 0 17 55.5	68.3	2	20.00
10506	Lacaille 9609 . . .	6.5	23 42 34.03	68.8	2	+ 3.167	— 43 4 44.4	62.7	2	+ 20.00
10507	Lacaille 9610 . . .	6.4	42 34.12	64.4	3	3.122	— 26 6 31.9	63.5	3	20.00
10508	79 Pegasi	6.0*	42 34.53	46.8	1	3.018	+ 28 3 46.7	53.7	3	20.00
10509	Lacaille 9611 . . .	7.0	42 56.36	63.3	4	3.130	— 30 10 50.1	63.4	3	20.00
10510	Weisse XXIII, 870 .	8.8	42 59.12	60.3	2	3.061	+ 6 16 9.6	60.4	2	20.00

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			h. m. s.			"	° ′ ″			"
10511	B. A. C. 8285 . . .	6.0	23 43 1.26	48.7	1	+ 3.091	− 10 45 19.4	67.9	2	+ 20.00
10512	B. A. C. 8287 . . .	7.0	43 19.54	62.6	3	3.109	− 21 0 38.3	58.7	7	20.00
10513	(* 26) Washington . .	9.5	43 20.00	61.8	2	3.060	+ 7 20 12.8	60.0	3	20.00
10514	O. Arg. S. 23082 . .	7.0	43 32.86	68.8	2	3.105	− 19 4 9.4	64.9	2	20.00
10515	O. Arg. N. 26086 . .	7.0	43 35.44	69.7	2	2.884	+ 62 57 54.2	67.9	2	20.00
10516	108 Aquarii	4.8	23 44 7.30	68.8	2	+ 3.105	− 19 41 12.8	66.9	2	+ 20.01
10517	O. Arg. N. 26093 . .	7.0	44 9.68	69.7	2	2.889	+ 63 12 21.9	67.9	2	20.01
10518	Lacaille 9619 . . .	7.0	44 11.14	63.7	2	3.132	− 33 12 35.2	68.8	2	20.01
10519	Weisse XXIII, 895 .	8.2	44 33.84	65.8	3	3.082	− 6 27 24.9	65.8	3	20.01
10520	Lacaille 9625 . . .	6.8	44 37.85	62.8	4	3.132	− 33 54 1.4	62.7	2	20.01
10521	Anonymous . . .	9.5	23 44 44.28	69.7	2	+ 3.128	− 32 9 4.2	71.4	2	+ 20.01
10522	22 Piscium	6.0	44 47.84	45.7	3	3.069	+ 2 9 7.8	69.3	2	20.01
10523	O. Arg. S. 23096 . .	7.6	45 5.85	68.8	2	3.102	− 18 48 14.2	64.9	2	20.01
10524	B. A. C. 8296 . . .	7.0	45 17.54	46.8	1	3.039	+ 20 53 36.7	69.8	1	20.01
10525	Lalande 46769 . . .	6.5	45 26.27	66.8	2	3.102	− 19 20 25.5	66.9	2	20.02
10526	Lacaille 9630 . . .	6.6	23 45 26.44	62.9	2	+ 3.113	− 25 45 54.7	66.9	2	+ 20.02
10527	82 Pegasi	6.0	45 28.80	59.8	3	3.057	+ 10 10 8.1	59.0	3	20.02
10528	Weisse XXIII, 916 .	9.5	45 32.40	61.7	6	3.074	− 1 35 11.9	58.4	4	20.02
10529	Anonymous . . .	7.4	45 40.76	69.3	4	3.015	+ 34 7 52.7	47.9	1	20.02
10530	Anonymous . . .	7.8	45 42.27	68.9	2	3.026	+ 28 49 50.1	69.9	1	20.02
10531	25 Piscium	6.5	23 45 54.62	55.3	5	+ 3.070	+ 1 18 43.4	69.0	1	+ 20.02
10532	Weisse XXIII, 932 .	8.5	45 58.76	58.8	2	3.064	+ 5 55 14.4	60.9	3	20.02
10533	Weisse XXIII, 934 .	8.5	46 2.65	59.9	2	3.066	+ 4 22 44.2	55.9	4	20.02
10534	B. A. C. 8304 . . .	6.6	46 6.25	64.2	3	3.110	− 25 0 27.3	67.8	2	20.02
10535	Lalande 46811 . . .	6.5	46 8.06	68.8	2	3.017	+ 34 16 31.3	47.8	1	20.02
10536	Weisse XXIII, 936 .	9.2	23 46 13.03	65.8	2	+ 3.080	− 5 49 29.1	65.8	3	+ 20.02
10537	Lacaille 9636 . . .	6.8	46 28.83	63.0	4	3.118	− 30 10 31.8	63.4	3	20.02
10538	Lacaille 9637 . . .	6.9	46 42.77	63.8	3	3.119	− 31 8 5.5	67.8	2	20.02
10539	Lalande 46836 . . .	6.2	46 59.47	68.8	2	3.012	+ 38 30 9.8	47.5	3	20.02
10540	Anonymous . . .	9.0	47 3.50	67.3	2	3.080	− 5 43 37.1	69.8	2	20.02
10541	B. A. C. 8308, (1st *) .	7.8	23 47 6.33	63.9	2	+ 3.112	− 27 49 19.4	65.3	2	+ 20.02
10542	B. A. C. 8308, (2d *) .	7.0	47 6.97	63.9	2	3.112	− 27 49 20.3	66.2	3	20.02
10543	O. Arg. S. 23120 . .	9.0	47 25.54	64.7	6	3.104	− 23 48 40.1	67.9	2	20.03
10544	B. A. C. 8311 . . .	6.5*	47 36.72	69.7	2	3.073	− 0 40 9.3	68.4	2	20.03
10545	ρ Cassiopeæ	5.0	47 38.92	59.0	3	2.962	+ 56 43 13.5	53.7	3	20.03
10546	(59 *) Washington . .	8.5	23 47 41.08	59 3	2	+ 3.073	− 1 3 33.8	58.0	5	+ 20.03
10547	Weisse (2) XXIII, 994.	8.5	47 43.31	68.8	2	3.018	+ 36 48 56.0	47.9	1	20.03
10548	Lacaille 9641 . . .	7.3	47 49.52	62.8	2	3.128	− 38 8 34.3	65.9	2	20.03
10549	26 Piscium	6.0*	47 58.16	56.8	6	3.064	+ 6 17 33.9	66.4	2	20.03
10550	Lalande 46873 . . .	7.7	47 58.88	68.9	2	3.019	+ 37 17 28.9	47.7	1	20.03

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			h. m. s.			″	° ′ ″			″
10551	B. A. C. 8313	6.0	23 48 1.85	63.2	3	+ 3.117	− 32 42 3.3	61.0	4	+ 20.03
10552	Lacaille 9644	6.5	48 1.96	63.2	3	3.117	− 32 39 49.5	64.8	2	20.03
10553	B. A. C. 8314	6.5	48 3.58	62.5	6	2.835	+ 73 37 52.9	63.6	14	20.03
10554	O. Arg. S. 23124	7.0	48 13.03	68.8	2	3.095	− 18 36 29.1	66.4	2	20.03
10555	Lacaille 9647	7.5	48 25.00	65.7	2	3.126	− 38 50 47.1	67.9	2	20.03
10556	B. A. C. 8315	7.0	23 48 28.24	59.4	4	+ 3.063	+ 7 26 40.4	56.7	10	+ 20.03
10557	B. A. C. 8317	6.5*	48 33.72	59.2	2	2.971	+ 56 38 0.1	53.8	2	20.03
10558	O. Arg. S. 23126	9.4	48 34.68	65.1	4	3.101	− 23 45 6.9	67.9	2	20.03
10559	Anonymous	9.0	48 36.34	65.7	3	3.068	+ 3 18 56.0	65.7	2	20.03
10560	Lacaille 9650	7.0*	48 53.00	62.9	2	3.126	− 39 49 29.6	62.7	2	20.03
10561	Lacaille 9652	6.5	23 48 54.24	63.8	4	+ 3.099	− 22 46 18.4	63.8	2	+ 20.03
10562	Weisse XXIII, 994	9.0	49 7.62	60.8	2	3.068	+ 3 50 54.0	55.9	2	20.03
10563	Lacaille 9655	6.1	49 16.88	66.9	2	3.102	− 25 31 1.3	67.8	2	20.03
10564	O. Arg. S. 23135	7.8	49 17.79	68.8	2	3.108	− 30 17 17.9	63.8	2	20.03
10565	Weisse XXIII, 1002	8.5	49 22.06	64.8	2	3.072	+ 0 28 17.8	68.8	2	20.03
10566	Lacaille 9657	7.6	23 49 25.68	68.9	2	+ 3.129	− 42 58 24.2	62.7	2	+ 20.03
10567	Weisse XXIII, 1006	7.2	49 37.15	60.6	4	3.068	+ 3 56 43.7	55.5	3	20.04
10568	Lacaille 9659	6.0	49 54.55	66.4	2	3.102	− 27 24 12.7	65.8	2	20.04
10569	Lacaille 9662	7.0	50 14.49	61.8	3	3.116	− 37 29 3.6	69.8	3	20.04
10570	Lacaille 9663	6.4	50 23.89	63.4	6	3.110	− 33 58 8.9	55.8	2	20.04
10571	Weisse XXIII, 1030	7.0	23 50 36.68	60.2	3	+ 3.062	+ 10 41 41.8	62.0	4	+ 20.04
10572	ψ Pegasi	5.5*	50 37.85	59.8	2	3.047	+ 24 21 47.2	53.8	3	20.04
10573	Weisse XXIII, 1032	9.0	50 37.93	60.3	3	3.068	+ 4 37 31.6	56.2	3	20.04
10574	Lacaille 9665	6.8	50 44.60	68.8	2	3.117	− 39 44 3.0	62.7	2	20.04
10575	Weisse XXIII, 1039	9.0	50 54.64	60.8	2	3.073	− 0 54 25.7	61.8	2	20.04
10576	Weisse XXIII, 1040	8.6	23 50 54.85	68.8	2	+ 3.062	+ 10 47 18.6	68.4	2	+ 20.04
10577	O. Arg. S. 23156	8.2	50 56.13	68.8	2	3.094	− 22 40 48.9	65.8	2	20.04
10578	1 Ceti	5.5	51 8.96	66.5	2	3.087	− 16 37 35.3	60.3	4	20.04
10579	Weisse XXIII, 1045	8.2	51 12.71	68.9	2	3.068	+ 4 52 12.9	55.9	2	20.04
10580	Lacaille 9670	7.0	51 28.12	62.8	2	3.112	− 39 0 18.0	68.3	2	20.04
10581	Anonymous	8.5	23 51 28.33	63.7	2	+ 3.101	− 30 16 48.0	69.0	1	+ 20.04
10582	27 Piscium	5.0*	51 30.35	50.1	11	3.076	− 4 19 56.8	50.9	6	20.04
10583	Anonymous	9.0	51 30.79	66.9	2	3.091	− 20 48 17.5	69.2	3	20.04
10584	σ Cassiopeæ	5.5*	51 55.26	61.9	2	3.005	+ 54 58 33.0	65.9	2	20.04
10585	Lacaille 9673	6.0	51 55.39	68.9	2	3.116	− 43 1 3.5	62.7	2	20.04
10586	Weisse, XXIII, 1058	8.4	23 52 0.25	68.8	2	+ 3.069	+ 3 56 40.2	54.9	2	+ 20.04
10587	ω Piscium	4.7	52 7.46	63.7	87	3.067	+ 6 5 17.9	60.4	28	20.04
10588	O. Arg. S. 23166	7.2	52 11.98	65.3	2	3.089	− 20 48 13.9	67.8	2	20.04
10589	B. A. C. 8332	5.7	52 15.65	63.8	3	3.098	− 30 15 51.2	62.7	2	20.04
10590	Lacaille 9674, (1st *)	7.8	52 17.65	68.9	2	3.095	− 27 18 12.1	65.4	2	20.04

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			h. m. s.			"	° ′ ″			"
10591	Lacaille 9674, (2d *) .	8.0	23 52 17.70	68.9	2	+ 3.095	− 27 18 12.1	65.4	2	+ 20.04
10592	Anonymous . . .	9.0	52 25.29	65.9	1	3.067	+ 6 6 31.3	69.9	1	20.05
10593	Lacaille 9680 . . .	6.8	52 32.18	68.9	2	3.093	− 25 25 27.6	63.3	2	20.05
10594	Weisse XXIII, 1075 .	9.0	52 49.99	61.9	3	3.072	+ 0 18 34.9	60.1	5	20.05
10595	Lalande 47049 . . .	6.0	52 53.19	68.9	2	3.040	+ 38 4 46.5	47.6	2	20.05
10596	O. Arg. S. 23176 . .	8.4	23 52 55.17	68.8	2	+ 3.086	− 18 47 31.7	64.9	3	+ 20.05
10597	B. A. C. 8336 . . .	7.3	53 2.46	62.0	11	2.502	+ 85 55 37.2	56.1	4	20.05
10598	Weisse (2) XXIII, 1107	6.5	53 4.64	69.7	2	3.041	+ 37 31 30.8	47.8	4	20.05
10599	Anonymous . . .	8.5	53 20.65	68.8	2	3.091	− 26 24 5.5	65.9	2	20.05
10600	Weisse XXIII, 1090 .	8.5	53 24.18	63.0	1	3.072	+ 0 17 10.9	60.1	5	20.05
10601	O. Arg. S. 23181 . .	8.4	23 53 30.13	66.4	2	+ 3.088	− 23 26 48.7	67.4	2	+ 20.05
10602	O. Arg. S. 23182 . .	7.8	53 32.79	68.8	2	3.093	− 28 41 12.9	56.3	2	20.05
10603	B. A. C. 8338 . . .	6.5	53 36.60	69.7	2	3.004	+ 61 23 53.8	53.8	2	20.05
10604	Weisse XXIII, 1099 .	8.4	53 49.67	65.7	6	3.076	− 5 42 19.1	65.7	3	20.05
10605	O. Arg. S. 23185 . .	8.3	53 50.14	63.8	3	3.088	− 23 33 17.2	67.4	2	20.05
10606	Lacaille 9695 . . .	6.8	23 54 10.31	62.8	4	+ 3.091	− 29 30 16.4	65.9	2	+ 20.05
10607	Weisse XXIII, 1110 .	9.0	54 25.62	65.0	2	3.070	+ 4 16 31.7	54.8	2	20.05
10608	B. A. C. 8344 . . .	5.0*	54 29.57	64.3	2	3.015	+ 60 26 34.6	63.7	3	20.05
10609	29 Piscium	5.0	54 38.91	53.6	4	3.074	− 3 48 22.9	65.1	3	20.05
10610	30 Piscium	4.5*	54 46.76	64.2	2	3.076	− 6 47 31.4	57.8	4	20.05
10611	Lacaille 9699 . . .	6.7	23 54 47.51	62.9	5	+ 3.096	− 38 40 52.3	67.4	2	+ 20.05
10612	B. A. C. 8351 . . .	6.0	54 52.01	64.9	2	3.074	− 3 32 44.3	68.3	2	20.05
10613	85 Pegasi	5.5	54 52.35	69.3	2	3.057	+ 26 20 19.2	67.9	2	20.05
10614	Schjellerup 9964 . .	9.0*	54 55.84	46.9	5	3.072	− 0 21 51.8	54.0	3	20.05
10615	ζ Sculptoris	5.0	55 8.90	63.5	4	3.089	− 30 30 1.4	63.8	2	20.05
10616	c^1 Piscium	7.2	23 55 14.05	61.4	7	+ 3.068	+ 8 10 38.8	58.4	7	+ 20.05
10617	c^2 Piscium	6.3	55 20.41	66.1	3	3.068	+ 7 42 29.9	66.3	2	20.05
10618	B. A. C. 8355 . . .	6.2	55 27.48	68.8	2	3.014	+ 65 19 10.5	53.8	2	20.05
10619	Weisse XXIII, 1142 .	8.7	55 35.21	60.2	3	3.070	+ 5 15 20.0	56.4	4	20.05
10620	O. Arg. S. 23204 . .	6.5	55 45.97	65.4	4	3.081	− 20 49 41.3	64.9	2	29.05
10621	Lacaille 9701 . . .	6.2	23 55 49.71	70.8	1	+ 3.089	− 35 31 31.0	70.8	2	+ 20.05
10622	Anonymous . . .	7.5	55 56.81	63.9	3	3.083	− 24 55 28.1	68.3	2	20.05
10623	Lacaille 9702 . . .	8.0	55 59.90	63.9	2	3.083	− 25 22 6.4	64.7	2	20.05
10624	Lamont 9388 . . .	8.6	56 28.70	65.9	2	3.072	+ 0 48 23.0	67.8	2	20.05
10625	2 Ceti	4.5	56 33.93	68.8	2	3.079	− 18 6 56.4	57.8	3	20.05
10626	Lacaille 9705 . . .	6.7	23 57 1.76	63.2	3	+ 3.082	− 30 54 52.6	65.9	2	+ 20.05
10627	B. A. C. 8360 . . .	5.8	57 9.21	68.8	2	3.077	− 17 18 22.5	59.9	5	20.05
10628	Lacaille 9706 . . .	6.2	57 10.09	62.8	6	3.082	− 30 2 57.4	63.9	1	20.05
10629	Lacaille 9707 . . .	7.0	57 12.87	62.8	6	3.082	− 30 9 41.2	64.7	3	20.05
10630	Lamont, 9392 . . .	8.2	57 19.62	65.7	5	3.072	+ 1 29 18.8	67.8	2	20.05

Number.	Name of Star.	Magnitude.	Mean Right Ascension, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.	Mean Declination, 1860.0.	Mean year.	No. of obs.	Annual Precession, 1860.
			h. m. s.			"	° ′ ″			"
10631	Weisse XXIII, 1178 .	8.2	23 57 31.48	59.4	2	+ 3.070	+ 5 44 41.5	53.8	2	+ 20.05
10632	Weisse XXIII, 1179 .	8.0	57 36.27	61.7	1	3.072	+ 0 45 30.4	61.9	4	20.05
10633	Weisse XXIII, 1180 .	9.0	57 40.16	62.5	3	3.071	+ 5 38 15.4	53.8	2	20.05
10634	Anonymous . . .	8.2	57 42.03	66.3	2	3.081	− 33 16 14.6	68.9	2	20.05
10635	Lacaille 9713 . . .	7.2	57 50.91	68.8	2	3.081	− 36 47 49.0	65.3	2	20.05
10636	Weisse XXIII, 1183 .	7.2	23 57 53.12	64.6	5	+ 3.072	− 1 16 49.7	69.9	4	+ 20.05
10637	Weisse XXIII, 1186 .	8.5	57 59.52	65.4	7	3.072	+ 1 37 10.0	68.4	2	20.05
10638	Lacaille 9714 . . .	6.8	58 1.44	65.2	3	3.080	− 33 14 46.4	66.2	3	20.05
10639	Lacaille 9715 . . .	6.2	58 10.01	68.9	2	3.081	− 39 38 16.6	63.4	3	20.05
10640	33 Piscium	5.0*	58 10.20	50.8	10	3.073	− 6 29 27.3	53.3	6	20.06
10641	Weisse XXIII, 1195 .	7.0	23 58 20.40	59.0	4	+ 3.074	− 10 23 38.5	58.9	2	+ 20.06
10642	Weisse XXIII, 1196 .	9.0	58 23.14	66.6	3	3.074	− 10 54 24.6	60.6	3	20.06
10643	Anonymous . . .	9.0	58 27.61	69.9	3	3.058	+ 57 32 24.1	68.9	2	20.06
10644	86 Pegasi	5.5	58 30.90	64.3	2	3.070	+ 12 37 0.8	54.8	2	20.06
10645	Weisse XXIII, 1201 .	8.5*	58 48.60	60.3	2	3.070	+ 12 5 42.4	60.0	5	20.06
10646	Weisse XXIII, 1205 .	8.5	23 58 57.74	61.0	2	+ 3.072	− 0 39 27.4	54.8	2	+ 20.06
10647	B. A. C. 8372 . . .	7.0	58 57.78	66.2	3	3.062	+ 57 39 21.2	58.9	3	20.06
10648	Lacaille 9722 . . .	7.0	59 5.21	64.2	3	3.076	− 33 35 46.5	68.8	2	20.06
10649	Weisse XXIII, 1208 .	8.0	59 6.95	60.4	3	3.073	− 11 33 29.0	61.9	4	20.06
10650	Weisse XXIII, 1209 .	7.0	59 8.62	65.0	5	3.072	− 2 0 57.0	68.4	2	20.06
10651	B. A. C. 8374 . . .	6.5	23 59 20.84	58.8	1	+ 3.070	+ 28 14 54.9	69.4	2	+ 20.06
10652	Weisse XXIII, 1212 .	8.0	59 20.93	60.5	6	3.072	+ 12 3 6.3	60.0	5	20.06
10653	Lacaille 9723 . . .	7.0*	59 28.	. .	.	3.074	− 36 51 46.9	65.3	2	20.06
10654	Lacaille 9724 . . .	7.0	59 39.98	64.6	4	3.073	− 23 53 8.1	67.4	2	20.06
10655	Weisse XXIII, 1217 .	9.0*	59 41.31	58.8	2	3.072	+ 12 3 17.7	63.4	2	20.06
10656	Weisse XXIII, 1218 .	9.0	23 59 41.42	60.9	1	+ 3.072	+ 1 4 52.6	56.4	2	+ 20.06
10657	B. A. C. 8375 . . .	6.8	59 46.	. .	.	3.073	− 39 39 27.2	63.4	3	20.06
10658	Weisse XXIII, 1222 .	7.8	59 53.86	62.0	7	3.072	+ 6 5 48.5	54.9	2	20.06

NOTES TO THE CATALOGUE.

Page.	Number.	Remarks.
12	450–451	Declination observed as one star.
15	574	This is the same star as number 580.
19	1132–1133	Declination observed as one star.
35	1385–1386	Do. do.
39	1532–1533	Probably the same star.
40	1557–1558–1559	Probably the same star.
43	1694	Declination differs 2′ from Argelander.
45	1763	Declination differs 1′ from Argelander.
45	1779–1780	Declination observed as one star.
46	1796	Differs 4^s in Right Ascension from Argelander.
53	2090	Declination differs 1′ from Argelander.
55	2170	This is an anonymous star; it is not O. Arg. S. 3680.
56	2219	Right Ascension differs 17^s from Weisse.
57	2263–2264	Declination observed as one star.
58	2298	Probably a mistake in setting the circle.
60	2365–2366	Declination observed as one star.
63	2481–2482	Do. do.
73	2888	Did not see it on a second examination.
73	2899	Right Ascension differs 3^s from Argelander.
78	3102	Mean year 62.7; number of observations, 2.
89	3538	Observation in Right Ascension observed with the Transit-Instrument.
89	3545	Do. do. do. do.
90	3558	Do. do. do. do.
90	3580	Do. do. do. do.
91	3591	Do. do. do. do.
91	3608	Do. do. do. do.
91	3619	Observed with the Equatorial
91	3620	Observed with the Transit-Instrument.
91	3622	Observation in Right Ascension observed with the Transit-Instrument.
91	3629	Observed with the Transit-Instrument.
92	3659	Do. do.
93	3690–3691	Declination observed as one star.
99	3925–3926	Probably same star; wrong setting.?
103	4102–4103	Right Ascension observed as one star.
109	4322	Declination differs 1′ from Argelander.
109	4328	Do. do.
117	4663–4664	Declination observed as one star.
117	4670	Probably no star in this place.
118	4691–4692	Declination observed as one star.

Notes to the Catalogue—Continued.

Page.	Number.	Remarks.
119	4717–4718	Declination observed as one star.
119	4744–4745	Do. do.
122	4837	Declination differs 2′ from Argelander.
135	5376–5377	Declination observed as one star.
149	5911–5912	Do. do.
161	6412–6413	Do. do.
166	6609	The remarkable variable star in Corona Borealis.
171	6796–6797	Declination observed as one star.
178	7090–7091	Do. do.
180	7160–7161	Do. do.
187	7431–7432	Do. do.
189	7543–7544	Do. do.
200	7896–7897	Do. do.
216	8628–8629	Do. do.
222	8858–8860	The Declinations of these stars should, probably, be transposed.
224	8938–8939	Declination observed as one star.
241	9596	Right Ascension 10^s less than B. A. C.
247	9833	Right Ascension differs 10^s from Weisse.
249	9913	Right Ascension differs 1^m from Argelander.
260	10366	The Declination differs 30″ from Weisse (2).
261	10413	The Right Ascension differs 50^s from Weisse.
262	10469–10470	Declination observed as one star.
265	10577	The Right Ascension differs 16^s from Argelander.
265	10590–10591	Declination observed as one star.

ERRATA.

Page.	Number.	Column.	For—	Read—
		Precession in Right Ascension	″	^{s} throughout.
1	13	Right Ascension	$9^s.38$	$9^s.37$
1	16	Precession in Declination.	20″.07	20″.06
2	66	Right Ascension	$1^s.79$	$1^s.78$
5	154	Right Ascension	$40^s.92$	$40^s.97$
6	211	Precession in Right Ascension	$3^s.120$	$3^s.024$
6	220	Right Ascension	$40^s.66$	$40^s.70$
7	243	Right Ascension	$39^s.49$	$39^s.55$
7	251	Declination	− 26° 48′ 51″.2	− 26° 51′ 51″.4
10	355	Right Ascension	$33^s.59$	$33^s.62$
10	373	Right Ascension	$45^s.96$	$45^s.95$
10	377	Right Ascension	$24^s.41$	$24^s.40$
12	467	Precession in Declination.	19″.65	19″.64
15	574	Right Ascension	$0^h\ 59^m\ 25^s.16, 2^s\ 914$	$1^h\ 0^m\ 25.^s19, 2^s.911$
15	590	Precession in Declination.	19″.33	19″.34
16	599	Right Ascension	$46^s.45$	$46^s.43$
16	607	Right Ascension	$6^s.82$	$6^s.81$
16	623	Right Ascension	$56^s.82$	$56^s.81$
16	625	Right Ascension	$6^s.55$	$6^s.54$
17	638	Precession in Declination.	19″.15	19″.13
17	639	Precession in Declination.	19″.14	19″.13
18	692	Precession in Declination.	18″.85	18″.83
21	824	Precession in Declination.	18″.19	18″.20
27	1046	Declination	− 26° 36′ 30″.0	− 26° 36′ 29″.6
27	1052	Precession in Declination.	16″.83	16″.73
27	1054	Precession in Declination.	16″.83	16″.73
31	1194	Declination	− 28° 32′ 28″.8	− 28° 32′ 58″.8
34	1329	Precession in Declination.	14″.09	14″.06
37	1459	Precession in Declination.	12″.50	12″.49
39	1512	Precession in Declination.	11″.84	11″.83
42	1631	Precession in Declination.	11″.54	11″.53
43	1710	Declination	− 22° 42′ 50″.6	− 22° 41′ 50″.6
45	1787	Declination	− 27° 46′ 34″.3	− 27° 47′ 34″.3
48	1905	Precession in Declination.	8″.44	8″.43
49	1922	Declination	− 26° 25′ 8″.6	− 26° 35′ 8″.6
54	2142	Declination	− 26° 28′ 40″.1	− 26° 28′ 35″.1
59	2311	Precession in Declination.	2″.70	2″.78
64	2517	Precession in Declination.	+ 0″.13	+ 0″.14
66	2615	Precession in Declination.	− 1″.34	− 1″.41
68	2676	Name of Star	O. Arg. S. 2343	O. Arg. S. 5343
68	2678	Name of Star	O. Arg. S. 2343	O. Arg. S. 5343
68	2707	Declination	− 27° 45′ 55″.9	− 26° 44′ 55″.9
69	2736	Declination	− 28° 40′ 58″.5	− 28° 39′ 58″.5
72	2853	Declination	− 30° 33′ 5″.3	− 30° 34′ 5″.3

Errata—Continued.

Page.	Number.	Column.	For—	Read—
81	3195	Precession in Declination.	8″.76	8″.74
89	3532	Precession in Declination.	12″.35	12″.28
89	3534	Precession in Declination.	12″.35	12″.28
94	3716	Precession in Declination.	13″.03	13″.05
99	3937	Precession in Right Ascension	4ˢ.463	2ˢ.463
102	4070	Precession in Declination.	16″.82	16″.42
108	4279	Declination	+ 30° 30′ 20″.8	− 30° 30′ 20″.8
108	4279	Precession in Declination.	17″.73	17″.77
110	4378	Precession in Declination.	18″.36	18″.33
112	4455	Precession in Declination.	18″.62	18″.67
117	4670	Precession in Right Ascension	3ˢ.760	3ˢ.076
122	4858	Declination	− 38° 38′ 3″.5	− 38° 35′ 3″.5
128	5101	Precession in Declination.	20″.04	20″.05
131	5192	Declination	− 29° 18′ 24″.6	− 29° 18′ 34″,6
137	5458	Declination	− 27° 27′ 19″.8	− 27° 27′ 20″.7
146	5793	Precession in Declination.	17″.60	17″.61
153	6079	Mean year	62.5	66.5
154	6137	Name of Star	ζ^2 Libræ	ξ^2 Libræ
156	6207	Precession in Declination.	14″.26	14″.25
158	6301	Precession in Declination.	13″.32	13″.34
159	6335	Precession in Declination.	13″.09	13″.10
165	6589	Mean year	63.5	53.5
167	6635	Precession in Right Ascension	34ˢ.77	3ˢ.477
176	7016	Precession in Declination.	6″.09	6″.11
180	7167	Precession in Declination.	4″.37	4″.38
180	7172	Precession in Declination.	4″.40	4″.30
181	7194	Precession in Declination.	3″.98	4″.06
184	7350	Precession in Declination.	2″.27	2″.36
185	7379	Mean year	62.6	65.6
189	7539	Precession in Declination.	0″.86	0″.87
190	7568	Name of Star	O. Arg. S. 17467	O. Arg. S. 17469
194	7730	Precession in Declination.	0″.73	0″.74
195	7783	Precession in Declination.	1″.40	1″.39
197	7854	Precession in Declination.	2″.18	2″.17
204	8115	Precession in Right Ascension	3ˢ.575	2ˢ.575
205	8151	Declination	− 13° 10′ 15″.7	− 13° 10′ 18″.2
213	8480	Declination	+ 4° 38′ 34″.1	+ 4° 38′ 48″.5
217	8663	Precession in Declination.	9″.74	9″.73
222	8853	Name of Star	17 Draconis	71 Draconis
223	8872	Right Ascension	19ᵐ 37ˢ.25, 3ˢ.338	20ᵐ 37ˢ.26, 3ˢ.337
223	8872	Declination	− 13° 36′ 53″.5, 11″.48	− 13° 36′ 53″.8, 11″.55
223	8875	Right Ascension	19ᵐ 38ˢ.74, 3ˢ.338	20ᵐ 38ˢ.75, 3ˢ.337
223	8875	Declination	− 13° 36′ 44″.1, 11″.48	− 13° 36′ 44″.5, 11″.55
224	8947	Precession in Declination.	12″.20	12″.19
225	8952	Precession in Declination.	12″.24	12″.23
226	9012	Precession in Right Ascension	2ˢ.619	3ˢ.027
228	9074	Precession in Right Ascension	3ˢ.514	3ˢ.016
231	9191	Declination	− 28° 14′ 43″.9	− 28° 16′ 43″.9

Errata—Continued.

Page.	Number.	Column.	For—	Read—
233	9282	Declination	+ 39° 24′ 42″.4	+ 59° 24′ 42″.4
233	9295	Name of Star	Weisse (2) XXI, 225	Anonymous
234	9323	Right Ascension	$16^s.76$	$16^s.59$
234	9323	Precession in Right Ascension	$2^s.763$	$2^s.780$
234	9323	Declination	+ 19° 14′ 57″.3	+ 18° 14′ 56″.4
235	9384	Declination	− 19° 45′ 23″.0	− 19° 45′ 22″.4
238	9510	Name of Star	Weisse (2) XXI, 733	Weisse (2) XXI, 933
242	9662	Declination	+ 36° 18′ 24″.1	+ 36° 18′ 34″.1
248	9880	Declination	− 11° 23′ 33″.7, 53.7, 11	− 11° 23′ 35″.0, 60.1, 10
256	10192	Mean year	60.2	59.5
266	10608	Mean year	63.7	53.7

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